

dedoose

Great Research Made Easy

Dedoose Analysis

DAWN PARK

Dedoose Interface

Welcome to Dedoose!

- Can be accessed online or through a desktop app
 - Installing app requires Adobe Air
 - Internet browser might be laggy. Requires flash to use.
- You will need to set up a Dedoose account to access interface
- Comes with a 1-month long free trial. Will start charging a fee after trial is over
- Large group (6+ users)/Student: \$10.95 per month

The screenshot displays the Dedoose web interface for a project titled "Dawn's Pillar Demo Project". The top navigation bar includes "Home", "Codes", "Media", "Excerpts", "Descriptors", "Analyze", "Memos", "Training", "Security", "Data Set", "Back", and "Projects".

Project: Dawn's Pillar Demo Project

Users: 1
Media: 35
Descriptors: 36
Excerpts: 959
Codes: 10
Code Applications: 2177

Media

Type	Title	Added	User
Document	Peter Hull CODING.docx	07/01/2019	dp863
Document	George Salim Interview	07/01/2019	dp863
Document	Ali Soufan CODING.docx	07/05/2019	dp863
Document	Christchurch case study.docx	07/05/2019	dp863
Document	Jefferson town case study.docx	07/05/2019	dp863
Document	Sri Lanka case study.docx	07/05/2019	dp863
Document	Andy Jabbour CODING.docx	07/05/2019	dp863
Document	Bob Liscouski CODING.docx	07/05/2019	dp863
Document	Jeff Ringel CODING.docx	07/05/2019	dp863
Document	Dr. Ali Chaudry CODING.docx	07/05/2019	dp863
Document	Brad Orsini CODING.docx	07/05/2019	dp863
Document	Jonathan Biermann CODING.docx	07/05/2019	dp863
Document	John Farmer CODING.docx	07/05/2019	dp863
Document	Jim Hartnett CODING.docx	07/05/2019	dp863
Document	Kona Zoqanas CODING.docx	07/05/2019	dp863

Codes

- 5: Leverage Resources & Technology
- 1: Resilience: Responsibilities, Roles, and ...
- 2: Engage Partners
- 3: Share Intelligence & Information
- 4: Integrate Intelligence, Plans, Training, Ex...
- 10: Empowerment & Endurance through La...
- 6: Implement Best Practices & Lessons Le...
- 7: Enlist Guardians
- 8: Neutralize Negative Mindsets
- 9: Constant Communications

Excerpts: 959

Resource: Brian Dykstra CODING.docx Added: 07/07/2019 # Codes: 3
I can imagine, you know, even if I had the perfect product is like, and I don't have to have 15 or 20 products, right? It's just that and big, big companies don't get big by internal organic growth, right? You know, you know, you don't typically ever form...

Resource: Brian Dykstra CODING.docx Added: 07/07/2019 # Codes: 4
I mean, the one message is really prepare, take some time, meet with somebody, anybody. And really, seriously, put some thought into what if this thing happens, what if ransomware happens to us? Are we ready? (2,3,6,9)

Resource: Brian Dykstra CODING.docx Added: 07/07/2019 # Codes: 2
So that, so in the event that something, you know, tragic, your computer got stolen, it's broken, it gets ransomware or whatever, you have a backup that's not local to you and vulnerable, so that, that you can then download all your medical data. A...

Resource: Brian Dykstra CODING.docx Added: 07/07/2019 # Codes: 2
So that's a really simple one. Another one is, is sort of being prepared for the worst day. And that's cloud backup solutions. (1,6)

Codes x Descriptor

Set: Interviewees, Field: Interviewee

No Data Available

Descriptor Ratios Multi Chart

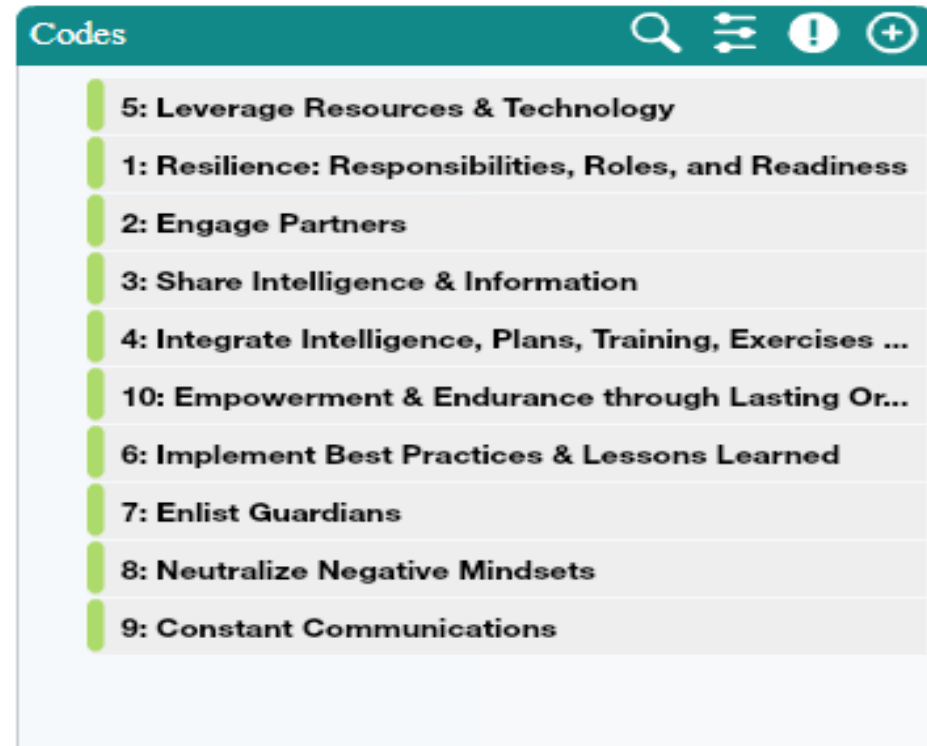
Set: Interviewees, Field: Interviewee

Set: Case Studies, Field: Case Study

Set: Sri Lanka

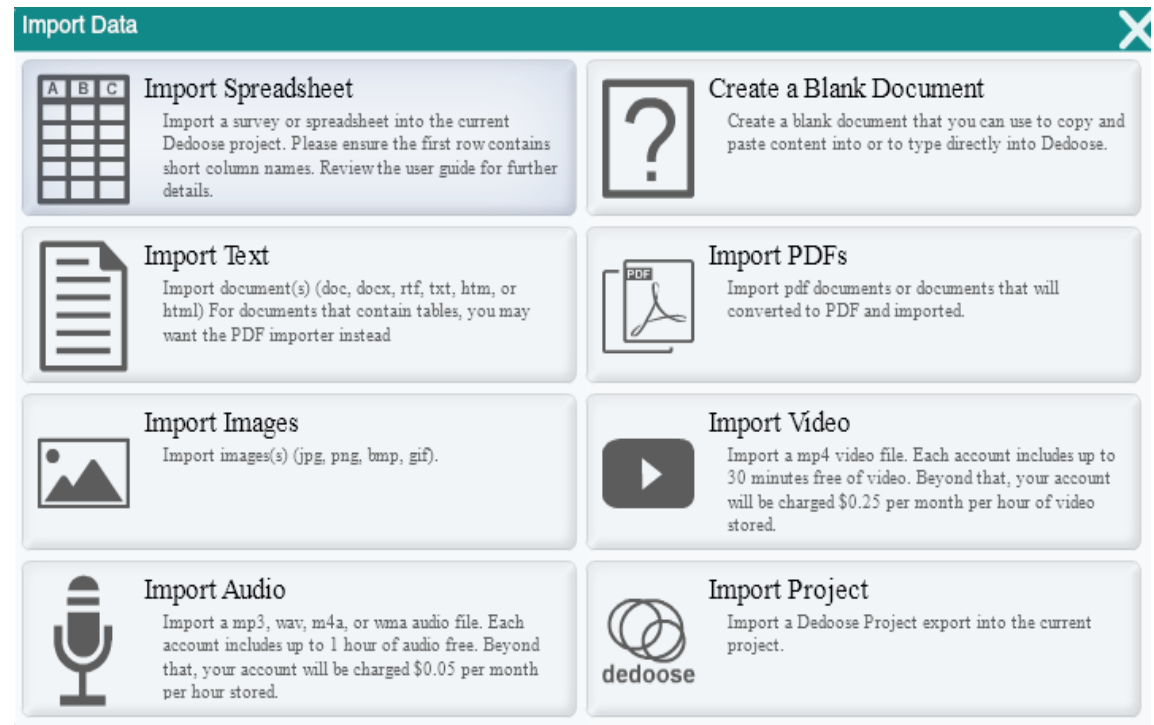
Adding Codes

- You can add codes to start organizing excerpts
- For our project, each pillar from the R.E.S.I.L.I.E.N.C.E model is a code
- Can include sub codes for each code (but we don't really need that)
- These codes are important for qualitative data analysis in Dedoose



Importing Media

- You can import any kind of media file!
 - Text documents (word, pdfs, spreadsheets)
 - Video files
 - Audio files
 - Images
 - Even existing Dedoose projects
- You can organize each file in the Media section and the Data Set section
- (Importing multiple files at once may tend to take a lot of time to process)
- Here, I decided to import all of our coded interview transcripts



The screenshot shows the 'Import Data' interface in Dedoose. It features a teal header with the text 'Import Data' and a close button (X) on the right. Below the header, there are eight import options arranged in a 4x2 grid:

- Import Spreadsheet**: Import a survey or spreadsheet into the current Dedoose project. Please ensure the first row contains short column names. Review the user guide for further details. (Icon: Spreadsheet grid)
- Create a Blank Document**: Create a blank document that you can use to copy and paste content into or to type directly into Dedoose. (Icon: Question mark)
- Import Text**: Import document(s) (doc, docx, rtf, txt, htm, or html) For documents that contain tables, you may want the PDF importer instead. (Icon: Document with lines)
- Import PDFs**: Import pdf documents or documents that will be converted to PDF and imported. (Icon: PDF document)
- Import Images**: Import images(s) (jpg, png, bmp, gif). (Icon: Mountain landscape)
- Import Video**: Import a mp4 video file. Each account includes up to 30 minutes free of video. Beyond that, your account will be charged \$0.25 per month per hour of video stored. (Icon: YouTube play button)
- Import Audio**: Import a mp3, wav, m4a, or vma audio file. Each account includes up to 1 hour of audio free. Beyond that, your account will be charged \$0.05 per month per hour stored. (Icon: Microphone)
- Import Project**: Import a Dedoose Project export into the current project. (Icon: Dedoose logo)

Media

Columns & Filters

Title Filter Search documents...

Columns

- Type
- Title
- User
- Date/Time
- Excerpts
- Length
- Descriptors
- Memos
- Field
- Codes
- Selected

Uncheck All

Check All

Filters

- Selected
- Type
- User
- Date/Time
- Excerpts
- Length
- Memos

Clear Filters

Selected	Type	Title	User	Date/Time	Excerpts	Length	Descriptors	Memos	Interviewee
<input type="checkbox"/>		Michael Masters CODING .docx	dp863	07/05/2019	26	28758	1	0	Michael Masters
<input type="checkbox"/>		George Salim Interview	dp863	07/01/2019	15	13958	1	0	George Salim
<input type="checkbox"/>		Ali Soufan CODING.docx	dp863	07/05/2019	33	30618	1	0	Ali Soufan
<input type="checkbox"/>		Christchurch case study.docx	dp863	07/05/2019	0	14636	1	0	
<input type="checkbox"/>		Jeffersontown case study.docx	dp863	07/05/2019	0	12536	1	0	
<input type="checkbox"/>		Sri Lanka case study.docx	dp863	07/05/2019	0	16618	1	0	
<input type="checkbox"/>		Andy Jabbour CODING.docx	dp863	07/05/2019	56	43797	1	0	Andy Jabbour
<input type="checkbox"/>		Bob Liscouski CODING.docx	dp863	07/05/2019	29	43489	1	0	Bob Liscouski
<input type="checkbox"/>		Jeff Ringel CODING.docx	dp863	07/05/2019	41	38778	1	0	Jeff Ringel
<input type="checkbox"/>		Dr. Ali Chaudry CODING.docx	dp863	07/05/2019	28	46813	1	0	Ali Chaudry
<input type="checkbox"/>		Brad Orsini CODING.docx	dp863	07/05/2019	37	45826	1	0	Brad Orsini
<input type="checkbox"/>		Jonathan Biermann CODING.d...	dp863	07/05/2019	41	39327	1	0	Jonathan Bierm...
<input type="checkbox"/>		John Farmer CODING .docx	dp863	07/05/2019	32	36886	1	0	John Farmer
<input type="checkbox"/>		Jim Hartnett CODING.docx	dp863	07/05/2019	43	37422	1	0	Jim Hartnett
<input type="checkbox"/>		Kona Zoganas CODING.docx	dp863	07/05/2019	35	41347	1	0	Kona Zoganas
<input type="checkbox"/>		Kevin Smith CODING.docx	dp863	07/05/2019	19	30706	1	0	Kevin Smith
<input type="checkbox"/>		Jonathan Fischer CODING.docx	dp863	07/05/2019	25	41120	1	0	Jonathan Fischer
<input type="checkbox"/>		Peter Hull CODING.docx	dp863	07/01/2019	10	24974	1	0	Peter Hull
<input type="checkbox"/>		Mary Marr CODING.docx	dp863	07/05/2019	35	44330	1	0	Mary Marr
<input type="checkbox"/>		Malcolm Hoenlein CODING.docx	dp863	07/05/2019	18	24833	1	0	Malcolm Hoenlein
<input type="checkbox"/>		Nate Snyder CODING.docx	dp863	07/05/2019	7	47512	1	0	Nate Snyder
<input type="checkbox"/>		Paul Goldenberg CODING.docx	dp863	07/05/2019	29	37389	1	0	Paul Goldenberg
<input type="checkbox"/>		Oussama Jammal CODING.do...	dp863	07/05/2019	37	40276	1	0	Oussama Jam...
<input type="checkbox"/>		Roger Parino CODING.docx	dp863	07/05/2019	24	25426	1	0	Roger Parino
<input type="checkbox"/>		Robert Lake CODING.docx	dp863	07/05/2019	44	52547	1	0	Robert Lake
<input type="checkbox"/>		Rabbi Francine Roston CODIN...	dp863	07/05/2019	43	37520	1	0	Rabbi Francine ...
<input type="checkbox"/>		Salam Al-Marayati CODING.docx	dp863	07/05/2019	23	37462	1	0	Salam Al-Marayati
<input type="checkbox"/>		Saad Amrani CODING.docx	dp863	07/05/2019	26	57538	1	0	Saad Amrani
<input type="checkbox"/>		Russ Deyo CODING.docx	dp863	07/05/2019	33	57242	1	0	Russ Deyo
<input type="checkbox"/>		Stephan Kramer CODING.docx	dp863	07/05/2019	27	61142	1	0	Stephan Kramer
<input type="checkbox"/>		William Flynn CODING.docx	dp863	07/05/2019	38	44152	1	0	William Flynn
<input type="checkbox"/>		Travis Gross CODING.docx	dp863	07/05/2019	19	27143	1	0	Travis Gross
<input type="checkbox"/>		Brian Dykstra CODING.docx	dp863	07/07/2019	22	37091	1	0	Brian Dykstra
<input type="checkbox"/>		Jeh Johnson CODING.docx	dp863	07/07/2019	20	19696	1	0	Jeh Johnson

Page: 1 of 2. Items: 1-34 of 34

1 | 2 | Next > | Last >>

Delete Selected Select All Select None

Make Set Add To Set Remove From Set

Coding Excerpts

- You can use the media files to code excerpts from them
- In text documents, highlight specific quotes and select codes to turn them into an excerpt
- In video files and audio files, cut to a specific part and select codes to turn them into an excerpt
- These excerpts will keep track on how many times the codes will be mentioned
- Each notable quote from every coded transcript is an excerpt we need for analysis.

The screenshot displays the Dedoose web interface. At the top, the logo for 'dedoose' (Great Research Made Easy) is visible. The navigation bar includes icons for Home, Codes, Media, Excerpts, Descriptors, Analyze, Memos, Training, Security, Data Set, Back, and Projects. The main document area shows a document titled 'Document: John Farmer CODING .docx'. The document content includes a 'CODING KEY' with 10 numbered items, followed by a question: 'What is your assessment of the current threat environment for houses of worship and vulnerable communities?'. Below this is a paragraph of text with several phrases highlighted in blue and marked with code tags like (8) and (9). A second question, 'How do we raise awareness of the threat and the need to prepare?', is followed by three numbered items. On the right side, there is a 'Selection Info' panel and a 'Codes' panel listing various code categories such as '10: Empowerment & Endurance through La...', '1: Resilience: Responsibilities, Roles, and ...', '2: Engage Partners', etc.

Descriptors

- Dedoose includes descriptors for quantitative data
- Can be linked to media files, which can also be linked to excerpts and codes found in that file
- For our project, I included all of our interviewees as our descriptors and linked them to their respective transcript.
- Maybe we can also add specific case studies or enlisted guardians as other descriptors?

Dawn's Pillar Demo Project | Logout | Account

Home Codes Media Excerpts Descriptors Analyze Memos Training Security Data Set Back Projects

Sets & Fields

Descriptor Sets

- Interviewees , Fields: 1, Descriptors: 31
- Case Studies , Fields: 12, Descriptors: 3
- Pillar Tally Count , Fields: 10, Descriptors: 2

Set Fields

Field	Type	Dynamic
Interviewee	Text	False

Descriptors In Set

Columns & Filters

Search descriptors...

Columns

- Linked Media
- Linked Titles
- Memos
- Interviewee
- Selected

Uncheck All Check All

Filters

- Selected
- Memos

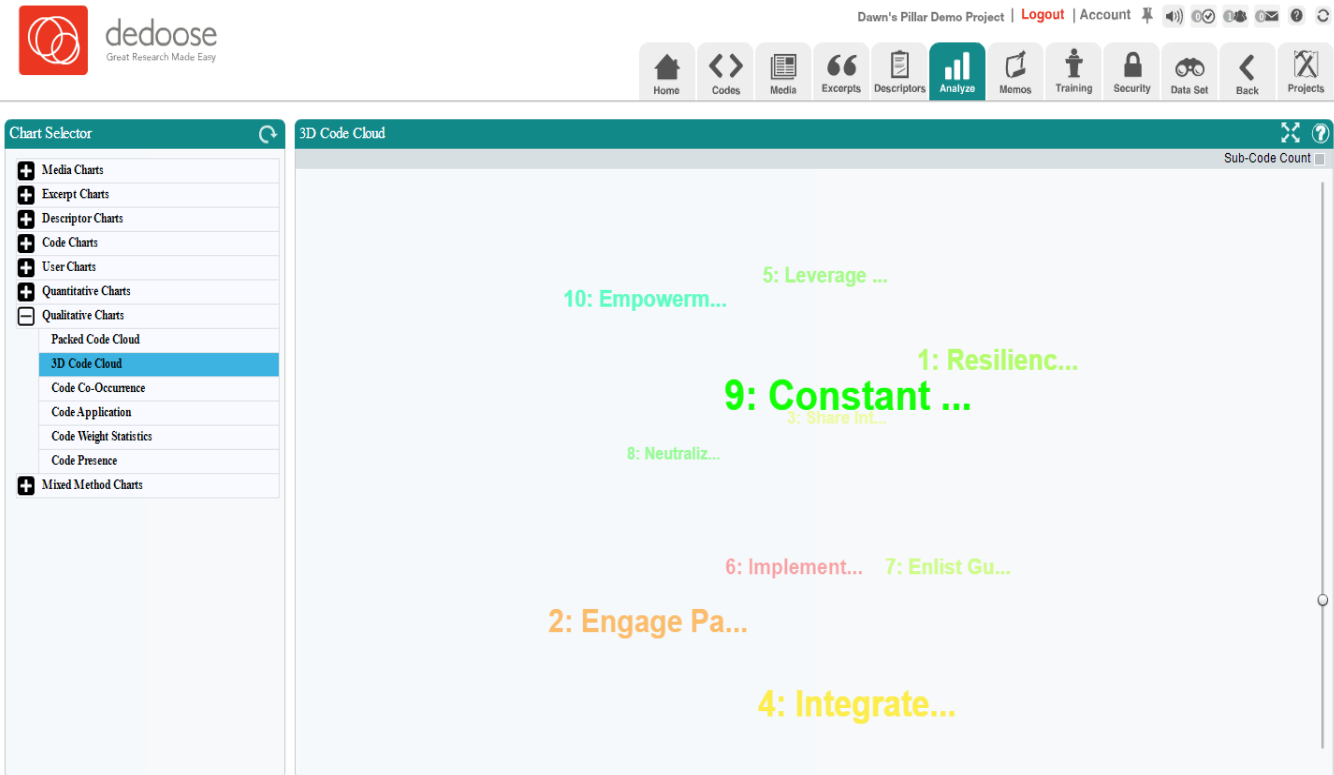
Selected	Linked Media	Linked Titles	Memos	Interviewee
<input type="checkbox"/>	1	Kona Zoganas CODING.docx	0	Kona Zoganas
<input type="checkbox"/>	1	Peter Hull CODING.docx	0	Peter Hull
<input type="checkbox"/>	1	Brian Dykstra CODING.docx	0	Brian Dykstra
<input type="checkbox"/>	1	Jeh Johnson CODING.docx	0	Jeh Johnson
<input type="checkbox"/>	1	Ali Soufan CODING.docx	0	Ali Soufan
<input type="checkbox"/>	1	Andy Jabbour CODING.docx	0	Andy Jabbour
<input type="checkbox"/>	1	Bob Liscouski CODING.docx	0	Bob Liscouski
<input type="checkbox"/>	1	Brad Orsini CODING.docx	0	Brad Orsini
<input type="checkbox"/>	1	Dr. Ali Chaudry CODING.docx	0	Ali Chaudry
<input type="checkbox"/>	1	Jeff Ringel CODING.docx	0	Jeff Ringel
<input type="checkbox"/>	1	Jim Hartnett CODING.docx	0	Jim Hartnett
<input type="checkbox"/>	1	John Farmer CODING.docx	0	John Farmer
<input type="checkbox"/>	1	Jonathan Biermann CODING.docx	0	Jonathan Bierma...
<input type="checkbox"/>	1	Jonathan Fischer CODING.docx	0	Jonathan Fischer
<input type="checkbox"/>	1	Kevin Smith CODING.docx	0	Kevin Smith
<input type="checkbox"/>	1	George Salim Interview	0	George Salim
<input type="checkbox"/>	1	Malcolm Hoenlein CODING.docx	0	Malcolm Hoenlein
<input type="checkbox"/>	1	Mary Marr CODING.docx	0	Mary Marr
<input type="checkbox"/>	1	Michael Masters CODING.docx	0	Michael Masters
<input type="checkbox"/>	1	Nate Snyder CODING.docx	0	Nate Snyder
<input type="checkbox"/>	1	Oussama Jammal CODING.docx	0	Oussama Jammal
<input type="checkbox"/>	1	Paul Goldenberg CODING.docx	0	Paul Goldenberg
<input type="checkbox"/>	1	Rabbi Francine Roston CODING...	0	Rabbi Francine R...
<input type="checkbox"/>	1	Roger Parino CODING.docx	0	Roger Parino
<input type="checkbox"/>	1	Robert Lake CODING.docx	0	Robert Lake
<input type="checkbox"/>	1	Russ Deyo CODING.docx	0	Russ Deyo
<input type="checkbox"/>	1	Saad Amrani CODING.docx	0	Saad Amrani
<input type="checkbox"/>	1	Salam Al-Marayati CODING.docx	0	Salam Al-Marayati
<input type="checkbox"/>	1	Stephan Kramer CODING.docx	0	Stephan Kramer
<input type="checkbox"/>	1	Travis Gross CODING.docx	0	Travis Gross
<input type="checkbox"/>	1	William Flynn CODING.docx	0	William Flynn

Page: 1 of 1. Items: 1-31 of 31

Delete Selected Select All Select None Auto Link

Data Analysis Visuals

- Once we're done coding excerpts and linking descriptors, we can visualize the results
- Includes charts for the following:
 - Quantitative Data
 - **Qualitative Data**
 - Media Charts
 - Excerpt Charts
 - Code Data
 - Mixed Method Charts
 - Word Clouds



Word Cloud



Code Application

Media	Codes									Totals	
	10: Empowerment & Endurance	1: Resilience, Responibilities,	2: Engage Partners	3: Share Intelligence & Information	4: Integrate Intelligence, Plans,	5: Leverage Resources &	6: Implement Best Practices &	7: Enlist Guardians	8: Neutralize Negative Mindsets		9: Constant Communications
William Flynn CODING.docx	2	7	15	25	7	11	9	8	1	8	93
Travis Gross CODING.docx	4	7	7	9	4	2	7	4	1	3	48
Stephan Kramer CODING.docx		2	11	10	7		5	3	1	17	56
Salam Al-Marayati CODING.docx	2	2	14	10	1	4	2	7	2	3	47
Saad Amrani CODING.docx	1	5	15	8	5	2	5	9	2	7	59
Russ Deyo CODING.docx	4	5	12	11	6	6	12	7	2	11	76
Roger Parino CODING.docx	2	7	8	10	11		9	1	6	4	58
Robert Lake CODING.docx	8	5	11	10	17	9	21	5	7	12	105
Rabbi Francine Roston		9	15	11	6	6	15	6	2	9	79
Peter Hull CODING.docx	1		5	7	4	4	4	4	3	6	38
Paul Goldenberg CODING.docx	2	9	13	8	10	3	17	5	3	3	73
Oussama Jammal CODING.docx	4	4	14	13	11	8	10	8	5	9	86
Nate Snyder CODING.docx	1		4	3	3	2	4	3		2	22
Michael Masters CODING.docx	7	4	6	5	9	9	6	7	5	2	60
Mary Marr CODING.docx	8	8	18	12	9	3	17	7	4	12	98
Malcolm Hoenlein CODING.docx	4	1	3	3	3	4	6	1	4	3	32
Kona Zoganas CODING.docx	7		8	17	15	14	14	3	3	10	91
Kevin Smith CODING.docx	2	8	10	5	4	4	3	4	1	3	44

Jonathan Fischer CODING.docx	5	9	9	11	3	5	6	4	4	4	60
Jonathan Biermann CODING.docx	3	10	11	22	20	10	24	5	12		117
John Farmer CODING.docx	10	3	14	10	12	12	15	7	7	9	99
Jim Hartnett CODING.docx	2	5	10	12	16	8	14	4		7	78
Jeh Johnson CODING.docx	2	12	6	6	3	3	7	2	2	5	48
Jeff Ringel CODING.docx	5	8	8	10	3	1	14	5	11	7	72
George Salim Interview	2	6	8	4	8	5	4	5	4	2	48
Dr. Ali Chaudry CODING.docx	2	6	12	13	3	9	5	4	1	6	61
Brian Dykstra CODING.docx		3	5	1	3	7	12	2	1	1	35
Brad Orsini CODING.docx	7	5	20	20	13	7	16	7	4	8	107
Bob Liscouski CODING.docx	1	10	6	6	11	2	6	3	3	7	55
Andy Jabbour CODING.docx		8	16	16	15	12	9	4	2	12	94
Ali Soufan CODING.docx	1	2	9	7	5	8	9	8	2	3	54
Totals	99	170	323	315	247	180	307	152	105	195	

- These charts show how many times each pillar was mentioned by every interviewee
- It also shows the total number of times each interviewee mentions a pillar and the total number of times each pillar was mentioned overall
- (Please note that the total results here aren't 100% accurate to our actual results)

Code Application

The following interviewees value Pillar 2 the most:

- Ali Soufan
- Andy Jabbour
- Brad Orsini
- George Salim
- Kevin Smith
- Mary Marr
- Nate Snyder
- Oussama Jammal
- Rabbi Francine Roston
- Russ Deyo
- Saad Amrani
- Salam Al-Marayati

The following interviewees value Pillar 3 the most:

- Ali Chaudry
- Jonathan Fischer
- Kona Zoganas
- Peter Hull
- Travis Gross
- William Flynn

The following interviewees value Pillar 4 the most:

- Bob Liscouski
- Jim Hartnett
- Michael Masters
- Robert Parino

The following interviewees value Pillar 6 the most:

- Brian Dykstra
- Jeff Ringel
- John Farmer
- Jonathan Biermann
 - Has the greatest number of mentioned pillars , 117 times
- Malcolm Hoenlein
- Paul Goldenberg
- Robert Lake

- Stephan Kramer values Pillar 9 the most
- Jeh Johnson values Pillar 1 the most

Exporting Data

code application spreadsheet - Excel

File Home Insert Page Layout Formulas Data Review View Tell me what you want to do... Sign in Share

PivotTable Recommended PivotTables Tables

Pictures Online Pictures Illustrations

Store My Add-ins Add-ins

Recommended Charts Charts

3D Map Tours

Line Column Win/Loss Sparklines

Slicer Timeline Filters

Hyperlink Links

Text Symbols

Equation Symbol

A33 Totals

	1: Resilience: Responsibilities, Roles, and Readiness	2: Engage Partners	3: Share Intelligence & Information	4: Integrate Intelligence, Plans, Training, Exercises and Responses with All Stakeholders	5: Leverage Resources & Technology	6: Implement Best Practices & Lessons Learned	7: Enlist Guardians	8: Neutralize Negative Mindsets	9: Constant Communications	10: Empowerment & Endurance through Lasting Organizational Reform	Total	
1												
2	Dr. Ali Chaudry	6	12	13	3	9	5	4	1	6	2	61
3	Ali Soufan	2	9	7	5	8	9	8	2	3	1	54
4	Andy Jabbour	8	16	16	15	12	9	4	2	12	0	94
5	Bob Liscouski	10	6	6	11	2	6	3	3	7	1	55
6	Brad Orsini	5	20	20	13	7	16	7	4	8	7	107
7	Brian Dykstra	3	5	1	3	7	12	2	1	1	0	35
8	George Salim	6	8	4	8	5	4	5	4	2	2	48
9	Jeff Ringel	8	8	10	3	1	14	5	11	7	5	72
10	Jeh Johnson	12	6	6	3	3	7	2	2	5	2	48
11	Jim Hartnett	5	10	12	16	8	14	4	0	7	2	78
12	John Farmer	3	14	10	12	12	15	7	7	9	10	99
13	Jonathan Biermann	10	11	22	20	10	24	5	12	0	3	117
14	Jonathan Fischer	9	9	11	3	5	6	4	4	4	5	60
15	Kevin Smith	8	10	5	4	4	3	4	1	3	2	44
16	Kona Zoganas	0	8	17	15	14	14	3	3	10	7	91
17	Malcolm Hoenlein	1	3	3	3	4	6	1	4	3	4	32
18	Mary Marr	8	18	12	9	3	17	7	4	12	8	98
19	Michael Masters	4	6	5	9	9	6	7	5	2	7	60
20	Nate Snyder	0	4	3	3	2	4	3	0	2	1	22
21	Oussama Jammal	4	14	13	11	8	10	8	5	9	4	86
22	Paul Goldenberg	9	13	7	10	3	17	5	3	3	2	73
23	Peter Hull	0	5	8	7	4	7	4	3	6	1	38
24	Rabbi Francine Roston	9	15	11	6	6	15	6	2	9	0	79
25	Robert Lake	5	11	10	17	9	21	5	7	12	8	105
26	Roger Parino	7	8	10	11	0	9	1	6	4	2	58
27	Russ Deyo	5	12	11	6	6	12	7	2	11	4	76
28	Saad Amrani	5	15	8	5	2	5	9	2	7	1	59
29	Salam Al-Marayati	2	14	10	1	4	2	7	2	3	2	47
30	Stephan Kramer	2	11	10	7	0	5	10	3	17	0	56
31	Travis Gross	7	7	9	4	2	7	4	1	3	4	48
32	William Flynn	7	15	25	7	11	9	8	1	8	2	93
33	Totals	170	323	315	247	180	307	152	105	195	99	0
34												

- Data visuals can be exported into spreadsheets or pdfs.
- This code application chart can be used as a spreadsheet to create more visuals from other data visualization tools.

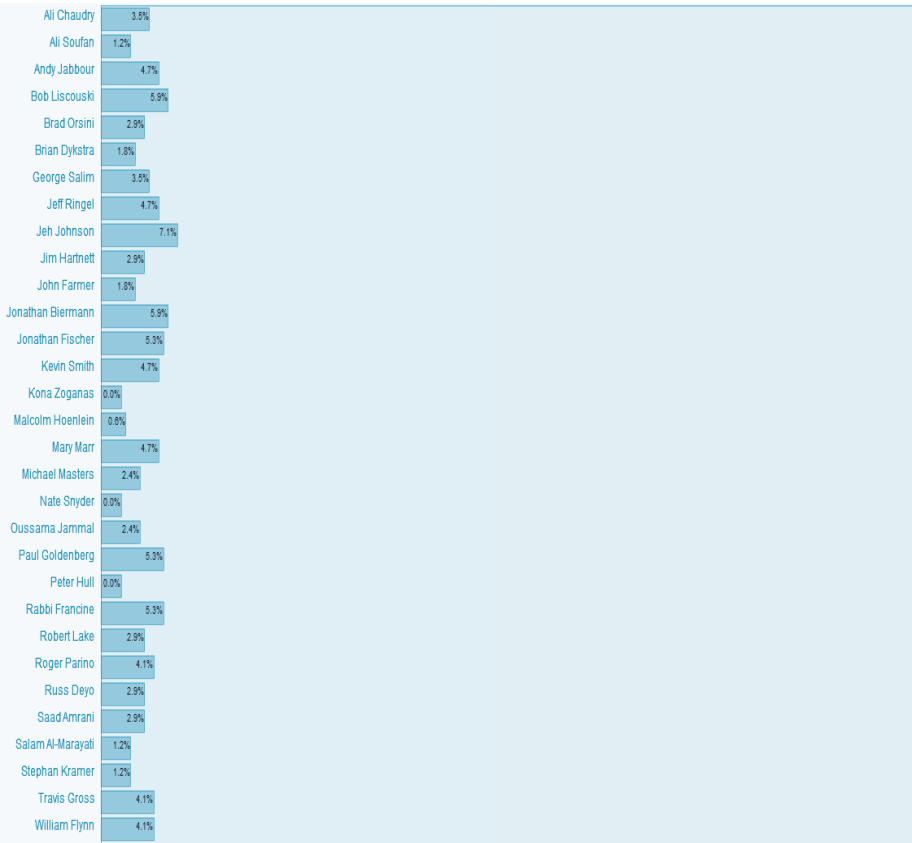
New and Improved Data Set from Tableau!

Pillar Count Per Interviewee

Interviewee	1: Resilience: Responsibilities, Roles, and Readiness	2: Engage Partners	3: Share Intelligence & Information	4: Integrate Intelligence, Plans, Training, Exercises and Responses with All Stakeholders	5: Leverage Resources & Technology	6: Implement Best Practices & Lessons Learned	7: Enlist Guardians	8: Neutralize Negative Mindsets	9: Constant Communications	10: Empowerment & Endurance through Lasting Organizational Reform	Total
Dr. Ali Chaudry	6	12	13	3	9	5	4	1	6	2	61
Ali Soufan	2	9	7	5	8	9	8	2	3	1	54
Andy Jabbour	8	16	16	15	12	9	4	2	12	0	94
Bob Liscouski	10	6	6	11	2	6	3	3	7	1	55
Brad Orsini	5	20	20	13	7	16	7	4	8	7	107
Brian Dykstra	3	5	1	3	7	12	2	1	1	0	35
Rabbi Francine Roston	9	15	11	6	6	15	6	2	9	0	79
George Salim	6	8	4	8	5	4	5	4	2	2	48
Jeff Ringel	8	8	10	3	1	14	5	11	7	5	72
Jeh Johnson	12	6	6	3	3	7	2	2	5	2	48
Jim Hartnett	5	10	12	16	8	14	4	0	7	2	78
John Farmer	3	14	10	12	12	15	7	7	9	10	99
Jonathan Biermann	10	11	22	20	10	24	5	12	0	3	117
Jonathan Fischer	9	9	11	3	5	6	4	4	4	5	60
Kevin Smith	8	10	5	4	4	3	4	1	3	2	44
Kona Zoganas	0	8	17	15	14	14	3	3	10	7	91
Malcolm Hoenlein	1	3	3	3	4	6	1	4	3	4	32
Mary Marr	8	18	12	9	3	17	7	4	12	8	98
Michael Masters	4	6	5	9	9	6	7	5	2	7	60
Nate Snyder	0	4	3	3	2	4	3	0	2	1	22
Oussama Jammal	4	14	13	11	8	10	8	5	9	4	86
Paul Goldenberg	9	13	8	10	3	17	5	3	3	2	73
Peter Hull	0	5	7	4	4	4	4	3	6	1	38
Robert Lake	5	11	10	17	9	21	5	7	12	8	105
Roger Parino	7	8	10	11	0	9	1	6	4	2	58
Russ Deyo	5	12	11	6	6	12	7	2	11	4	76
Saad Amrani	5	15	8	5	2	5	9	2	7	1	59
Salam Al-Marayati	2	14	10	1	4	2	7	2	3	2	47
Stephan Kramer	2	11	10	7	0	5	3	1	17	0	56
Travis Gross	7	7	9	4	2	7	4	1	3	4	48
William Flynn	7	15	25	7	11	9	8	1	8	2	93
Totals	170	323	315	247	180	307	152	105	195	99	2,093

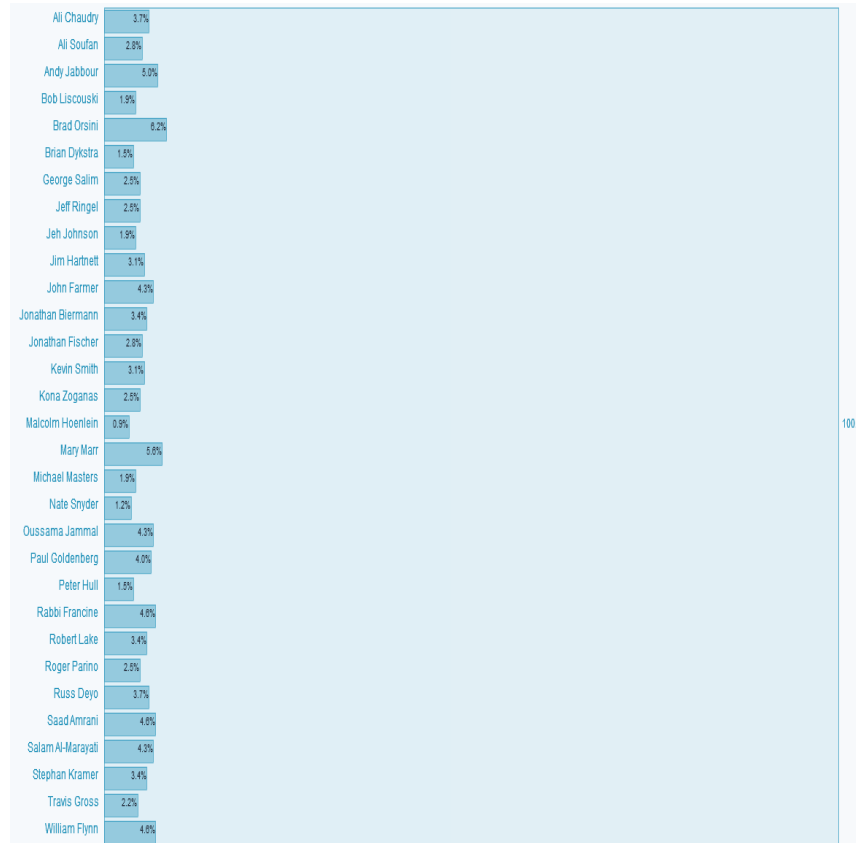
1: Resilience: Responsibilities, Roles, and Readiness, 2: Engage Partners, 3: Share Intelligence & Information, 4: Integrate Intelligence, Plans, Training, Exercises and Responses with All Stakeholders, 5: Leverage Resources & Technology, 6: Implement Best Practices & Lessons Learned, 7: Enlist Guardians, 8: Neutralize Negative Mindsets, 9: Constant Communications, 10: Empowerment & Endurance through Lasting Organizational Reform and Total broken down by Interviewee.

Pillar Percentage mentioned per interviewee



Pillar 1

Jeh Johnson mentions this the most at 7.1%

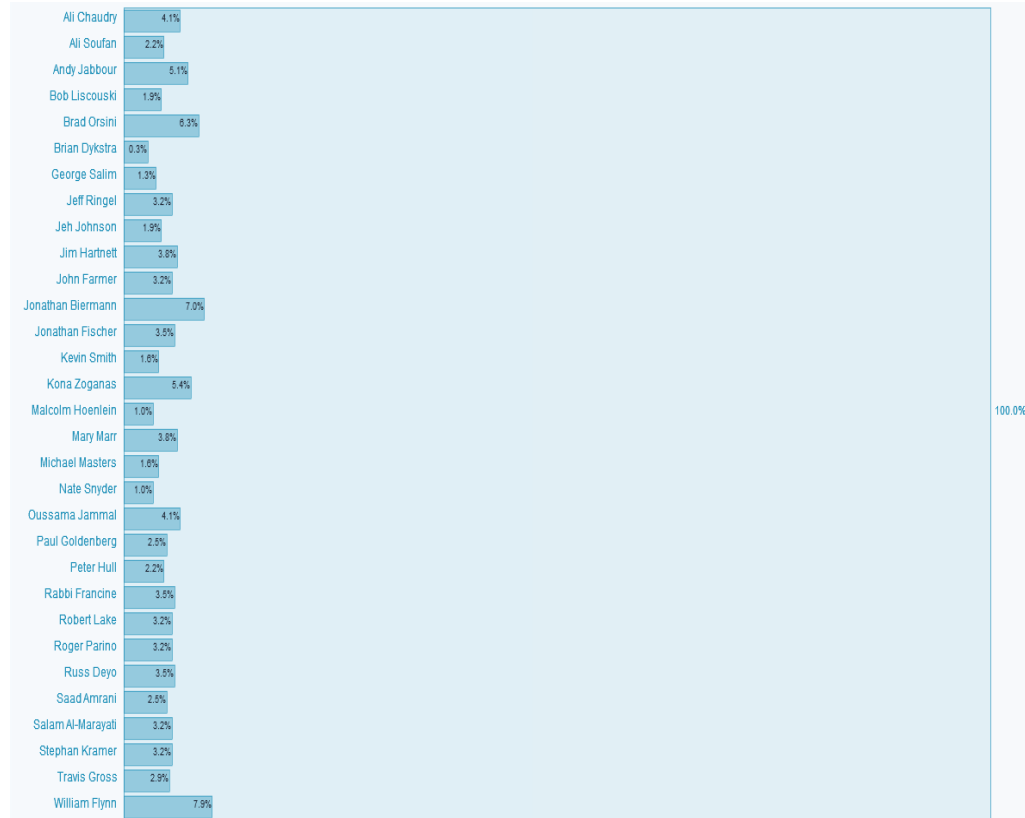


Pillar 2

Brad Orsini mentions this the most at 6.2%

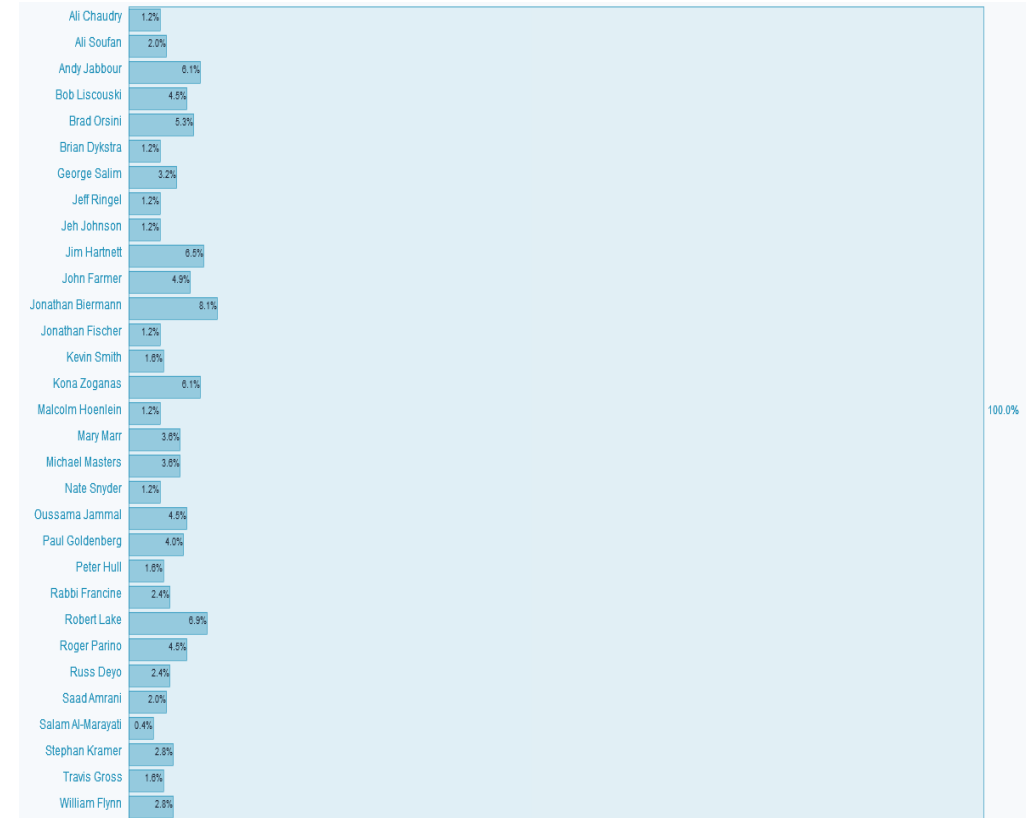
- Here are a few visuals that show the percentage of each pillar mentioned per interviewee
- This data can also be exported into a spreadsheet.

Pillar Percentage mentioned per interviewee



Pillar 3

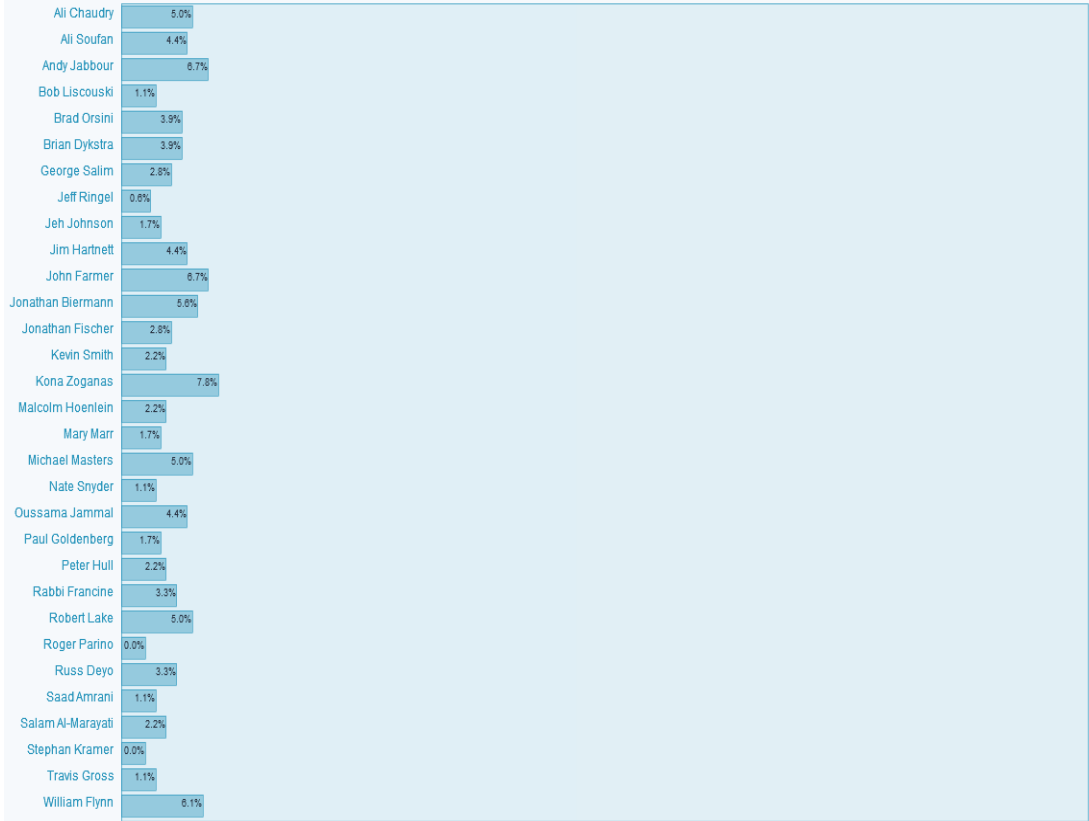
William Flynn mentions this the most at 7.9%



Pillar 4

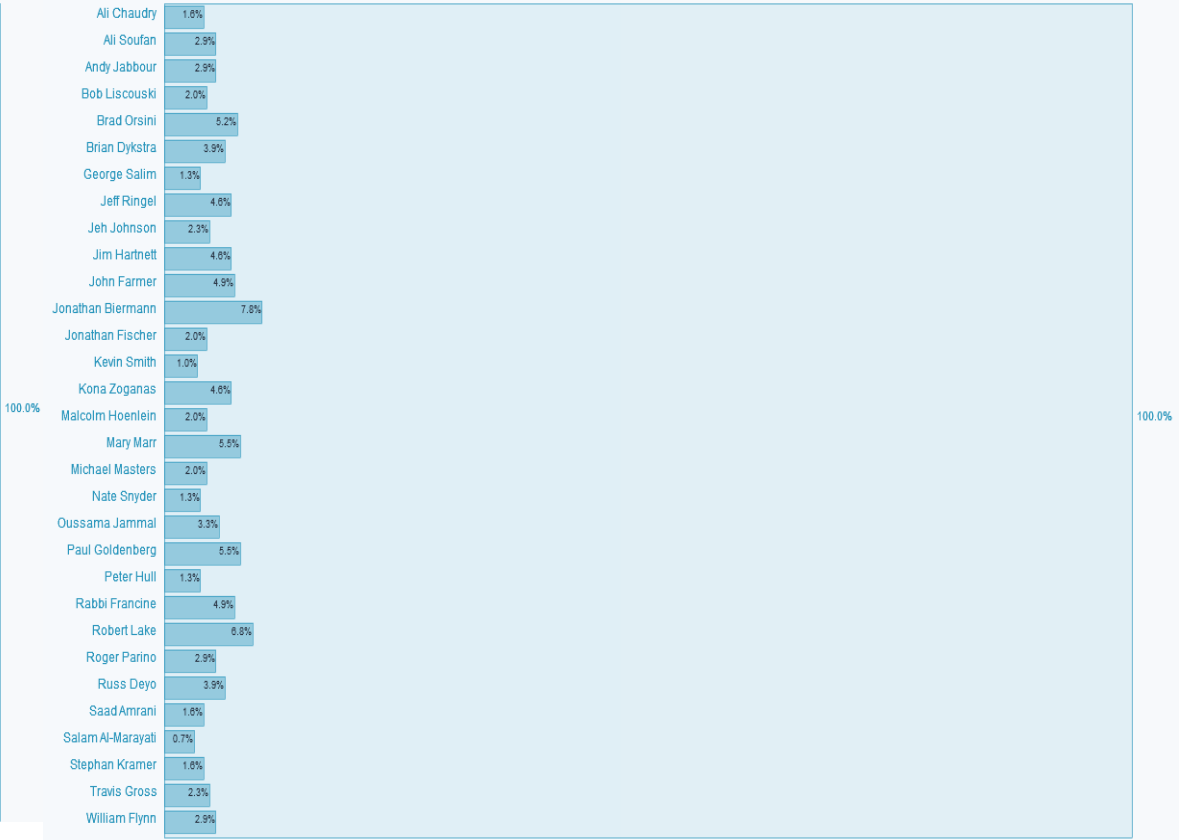
Jonathan Biermann mentions this the most at 8.1%

Pillar Percentage mentioned per interviewee



Pillar 5

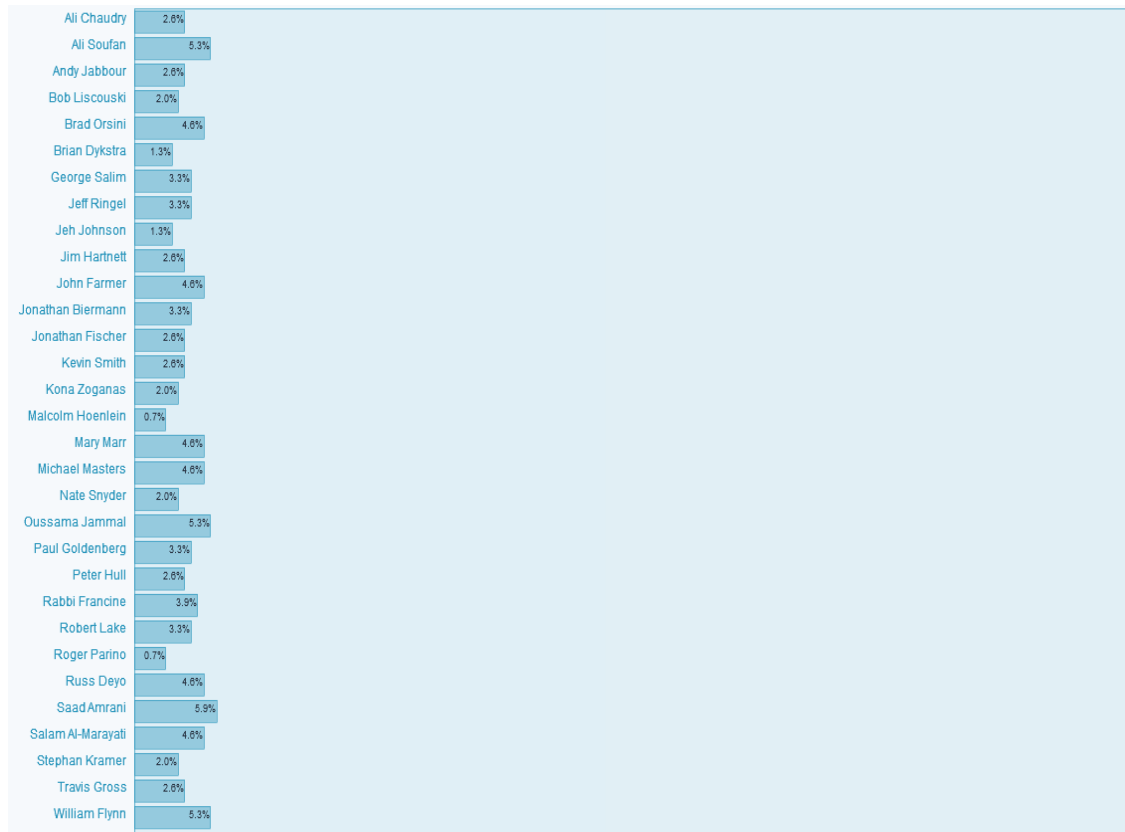
Kona Zoganas mentions this the most at 7.8%



Pillar 6

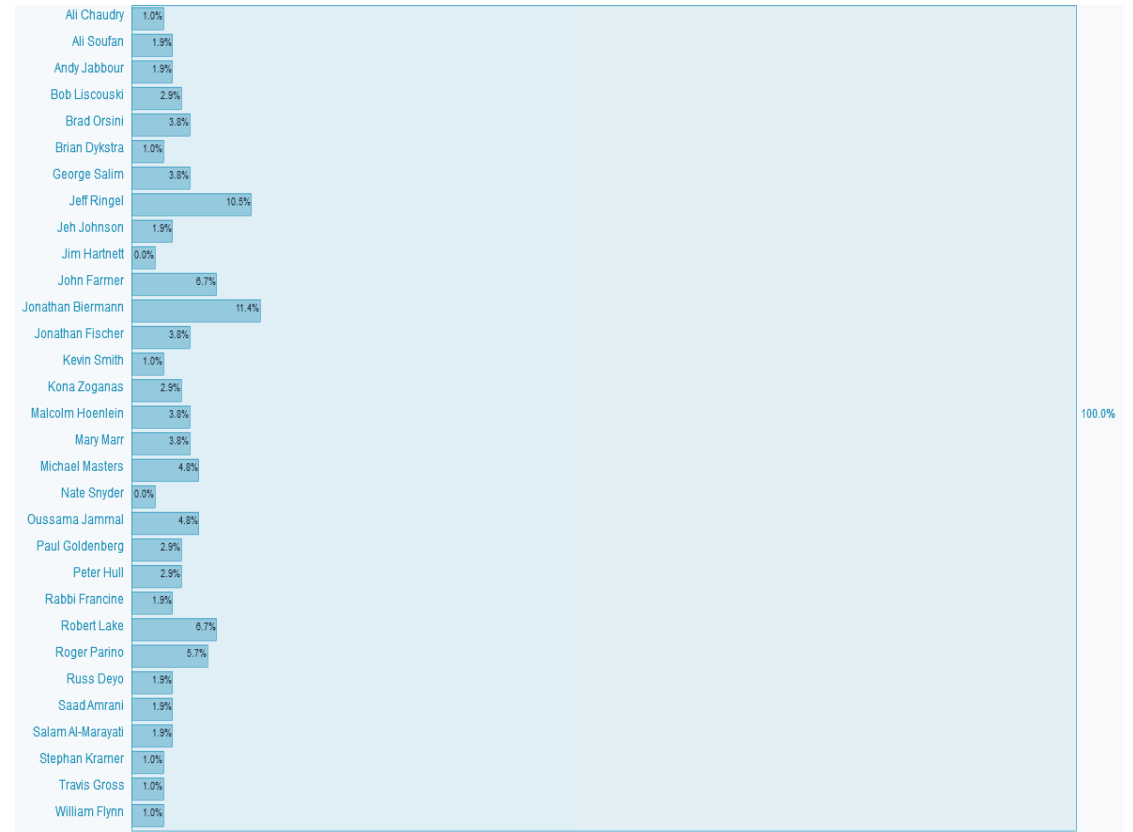
Jonathan Biermann mentions this the most at 7.8%

Pillar Percentage mentioned per interviewee



Pillar 7

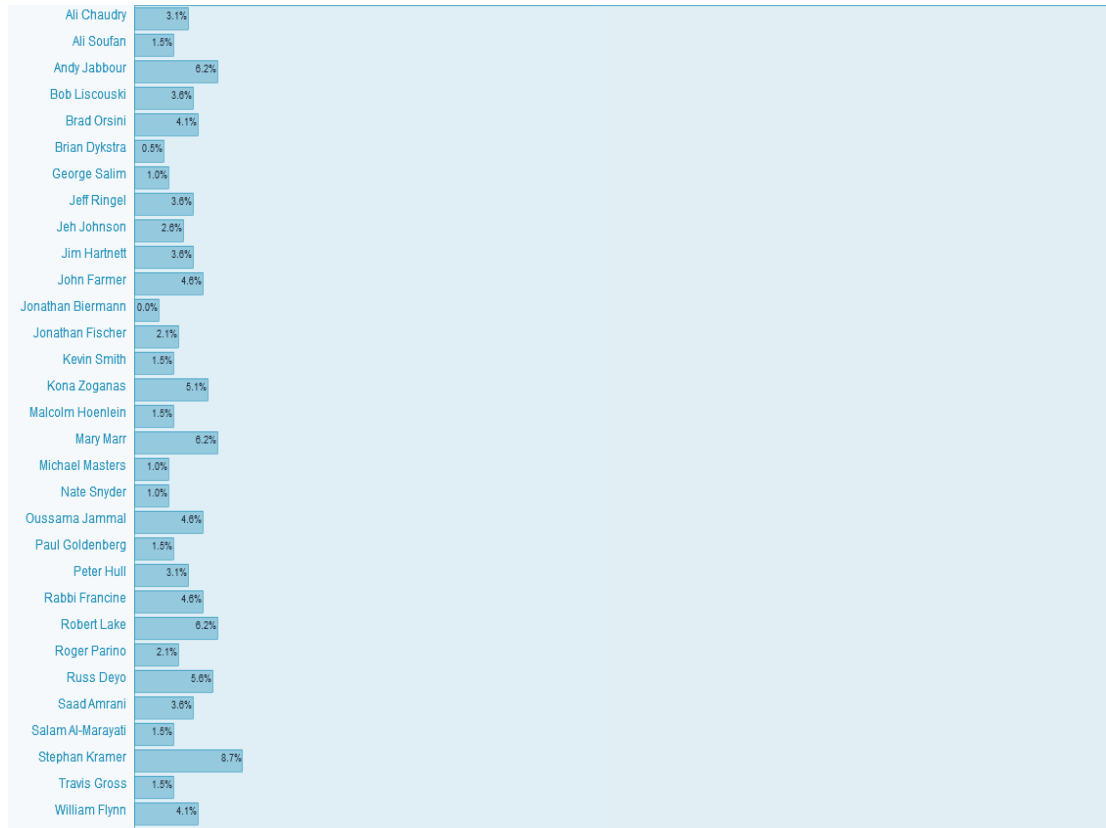
Saad Amrani mentioned this the most at 5.9%



Pillar 8

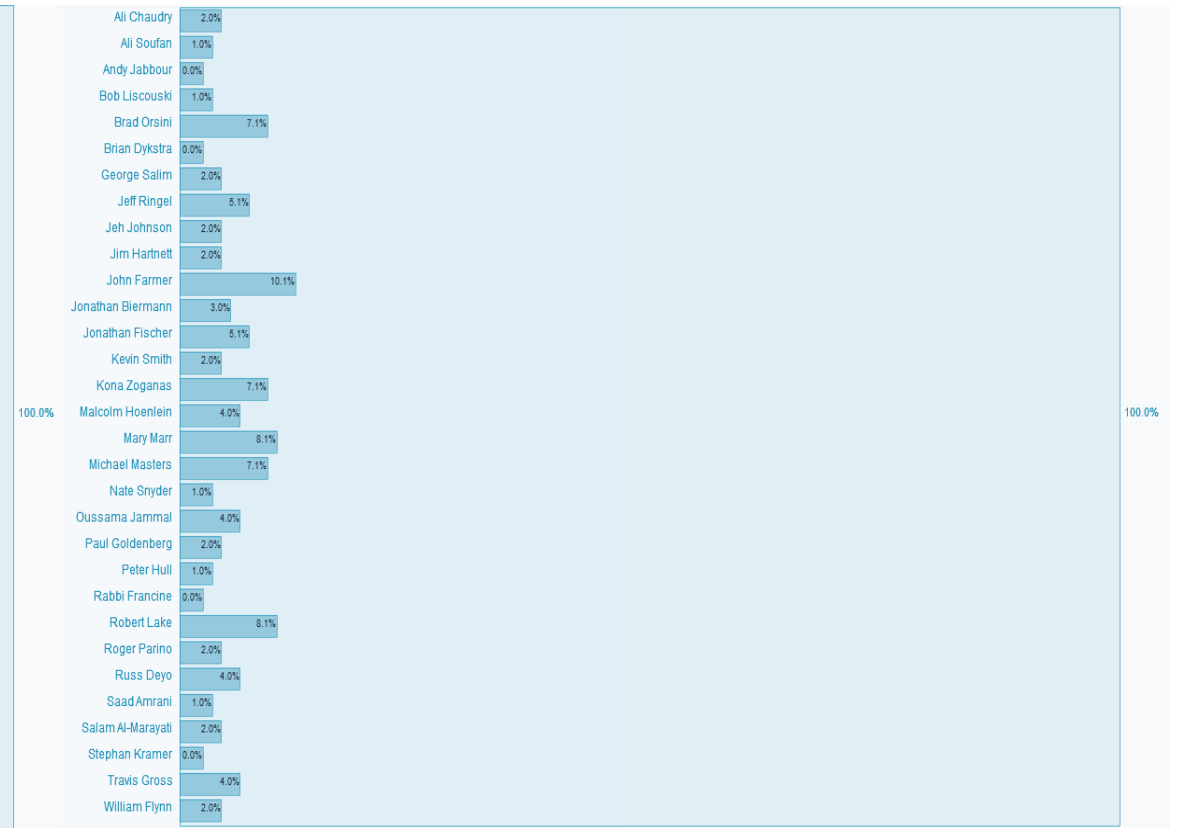
Jonathan Biermann mentions this the most at 11.4%

Pillar Percentage mentioned per interviewee



Pillar 9

Stephan Kramer mentioned this the most at 8.7%



Pillar 10

John Farmer mentioned this the most 10.1%

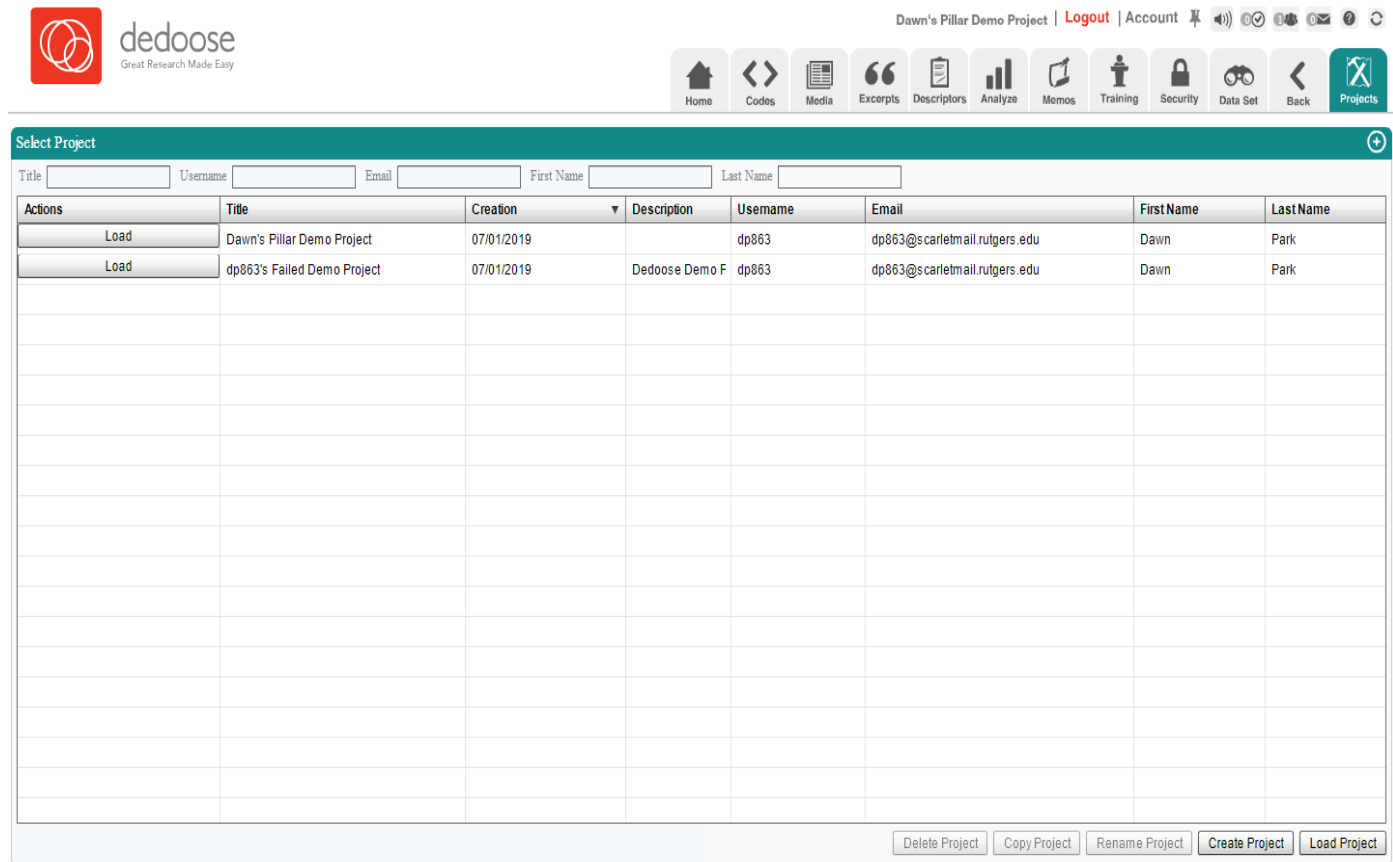
Code Co-occurrence

Codes	10: Empowerment & Endurance	1: Resilience: Responsibilities,	2: Engage Partners	3: Share Intelligence & Information	4: Integrate Intelligence, Plans,	5: Leverage Resources &	6: Implement Best Practices &	7: Enlist Guardians	8: Neutralize Negative Mindsets	9: Constant Communications	Totals
10: Empowerment & Endurance		23	35	33	37	22	43	17	15	21	246
1: Resilience: Responsibilities,	23		56	34	39	16	55	23	14	21	281
2: Engage Partners	35	56		148	67	73	85	116	12	97	689
3: Share Intelligence & Information	33	34	148		83	49	95	53	24	135	654
4: Integrate Intelligence, Plans,	37	39	67	83		36	168	23	25	38	516
5: Leverage Resources &	22	16	73	49	36		42	52	9	22	321
6: Implement Best Practices &	43	55	85	95	168	42		34	26	51	599
7: Enlist Guardians	17	23	116	53	23	52	34		9	30	357
8: Neutralize Negative Mindsets	15	14	12	24	25	9	26	9		10	144
9: Constant Communications	21	21	97	135	38	22	51	30	10		425
Totals	246	281	689	654	516	321	599	357	144	425	

- This chart shows how many times each pillar coexists with another pillar, which is determined by each excerpt with more than one code
- We can use this information to provide a stronger strategy for building resiliency by showing how these pillars impact each other
- The top 4 pairs of pillars that co-exist together:
 - Pillars 4 and 6 with 168 mentions
 - Pillars 2 and 3 with 148 mentions
 - Pillars 3 and 9 with 135 mentions
 - Pillars 2 and 7 with 116 mentions
- It also appears that Pillar 2 has the greatest number of co-occurrences, 689, and Pillar 8 has the least number of co-occurrences, 144.

Save Projects

- You can save, load, create, delete and organize your projects as much as you like
- You can also allow encryption to protect and secure your projects.
 - This lets you access a project by signing in with your password.



The screenshot shows the dedoose web application interface. At the top left is the dedoose logo with the tagline "Great Research Made Easy". On the top right, there is user information: "Dawn's Pillar Demo Project | Logout | Account" and various system icons. Below the header is a navigation bar with icons for Home, Codes, Media, Excerpts, Descriptors, Analyze, Memos, Training, Security, Data Set, Back, and Projects. The main content area is titled "Select Project" and features search filters for Title, Username, Email, First Name, and Last Name. Below these filters is a table with the following data:

Actions	Title	Creation	Description	Username	Email	First Name	Last Name
Load	Dawn's Pillar Demo Project	07/01/2019		dp863	dp863@scarletmail.rutgers.edu	Dawn	Park
Load	dp863's Failed Demo Project	07/01/2019	Dedoose Demo F	dp863	dp863@scarletmail.rutgers.edu	Dawn	Park

At the bottom right of the interface are buttons for "Delete Project", "Copy Project", "Rename Project", "Create Project", and "Load Project".

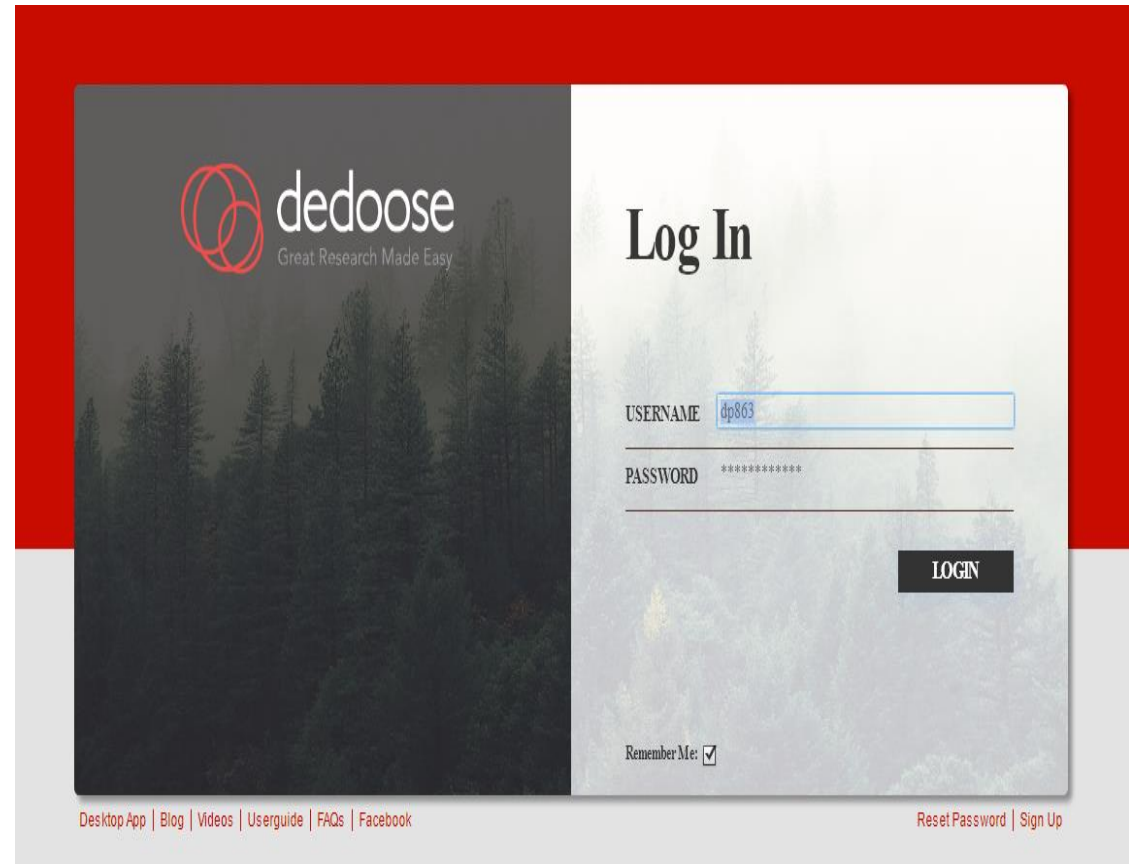
Share Projects with Other Users

- You can share your projects with other users and allow them to collaborate with you
- You can create and edit a group of specific users.
- This will definitely be useful for us when we need to work on a project together.

The screenshot displays the 'Project Active Users and Groups' management interface. At the top, there is a teal header with the title 'Project Active Users and Groups'. Below this, a light blue section represents a group named 'Default Group - Full Access'. This group has several attributes: Tags: Project Manager, Resources: Project Manager, Excerpts: Project Manager, User: Project Manager, Descriptors: Project Manager, Fields: Project Manager, and Security: Project Manager. An 'Edit Group' button is located to the right of these attributes. Below the group information, a light green section represents a user named 'Dawn Park'. The user's details include Username: dp863, Email: dp863@scarletmail.rutgers.edu, and Name: Dawn Park. There is a 'Change Group' button to the right of the user's name and a 'Remove User' button to the right of the user's email. At the bottom of the interface, there are two buttons: 'Add Group' and 'Add User'.

Overall, Dedoose is a useful tool

- Great for coding interview transcripts and other articles related to our project
- Imports any kind of media file for coding
- Can visualize data analysis from coding excerpts
 - Involves qualitative data visuals that can be exported into spreadsheets and pdfs.
- Includes descriptors that can be linked with each media file (Can use this for organizing interviewees and case studies)
- Projects can be shared with other Dedoose users and groups
- Would recommend desktop app over the internet browser for faster functionality.



Significant Findings

- Pillar 2, “Engage Partners”, is the most mentioned pillar from all interviewees. It also has the greatest number of co-occurrences with other pillars.
 - This further indicates that it is the most important pillar of the R.E.S.I.L.I.E.N.C.E model
 - On the other hand, Pillar 8, “Neutralize Negative Mindsets”, has the least number of co-occurrences with other pillars. This might indicate that it is a stand-alone pillar.
- Jonathan Biermann has mentioned the greatest number of pillars. He also values Pillar 4, Pillar 6, and Pillar 8,
 - Perhaps this indicates that he has the best insight on best practices so he might be the best person to reference for quotes.
- The following pair of pillars are highly correlated to each other, which shows that a combination of pillars can provide a stronger strategy for building resiliency:
 - Pillars 4 and 6 (Integrate plans and implement best practices)
 - Pillars 2 and 3 (Engage partners and share intelligence and information with them)
 - Pillars 3 and 9 (Share intelligence and information through constant communications)
 - Pillars 2 and 7 (There needs to be a bond between partners and guardians)

New Ideas and Insights

- Since we are given pillar co-occurrences, we should analyze further into the correlations between pillars. We should also focus on the 2nd pillar, “Engage Partners”, and its correlations with other pillars.
 - By doing so, we can provide a stronger strategy for building resiliency and emphasize how Engaging Partners is the most important aspect in building resiliency.
- We can use Dedoose to compare pillar ratings for each case study of mass casualty attacks. By adding them as descriptors, we can visualize the ratio of pillar rating points. We can also analyze each case study by coding notable actions they’ve done that reflect a pillar on the R.E.S.I.L.I.E.N.C.E model.
 - This is to determine which specific case study had the best practices and what can be learned from them.