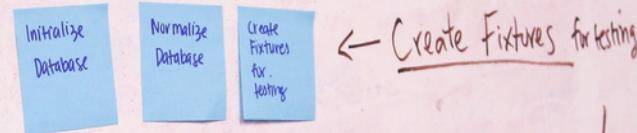
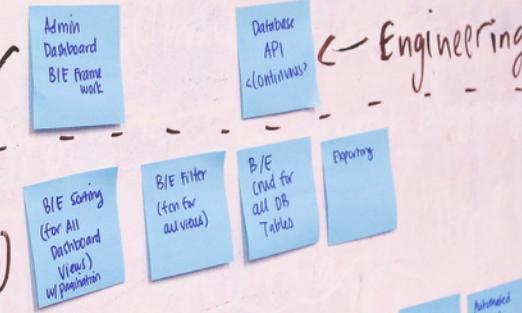


1) WEEK 4: Design



2) WEEK 5: Design



3) WEEK 6: Dev

ADMIN API

CRON

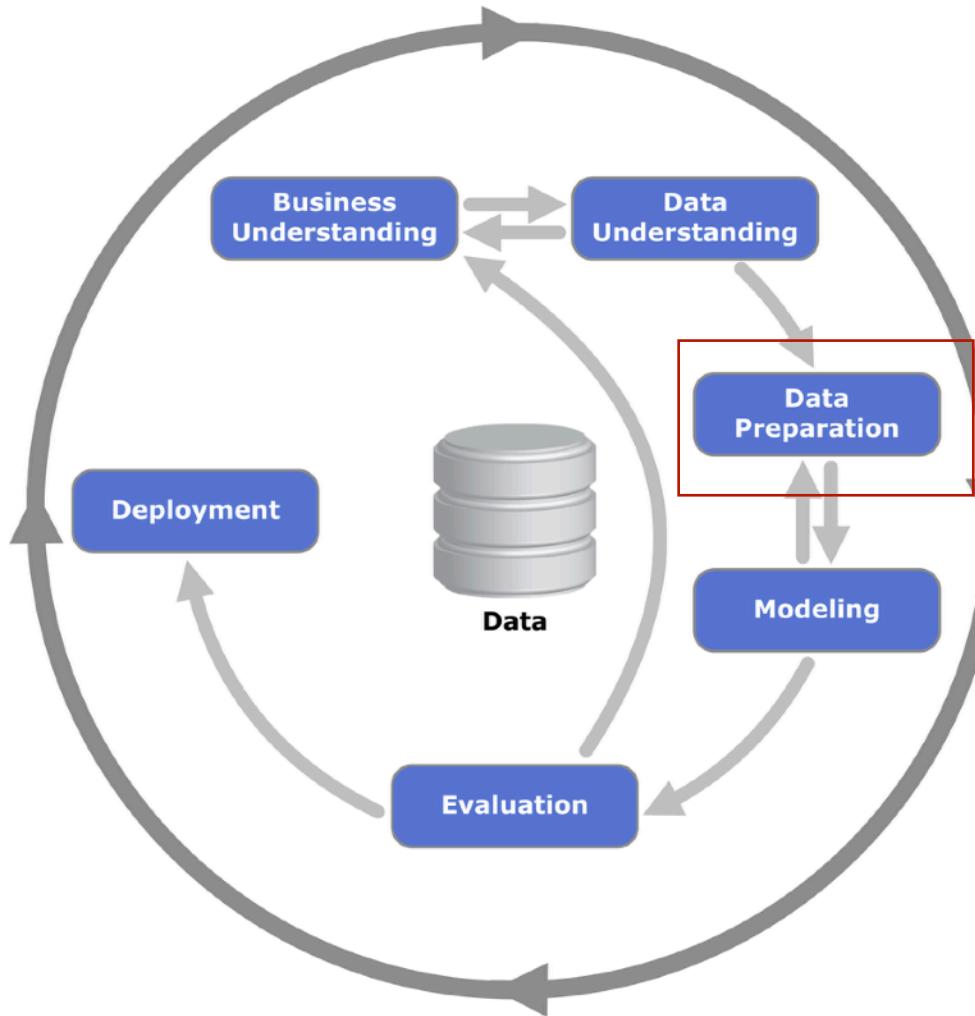
Automated (send) email B/E

Source: Tommy Wong

BASIC SETUP OF A CLOUD DATABASE

Bernard Suen
Center for Entrepreneurship
Chinese University of Hong Kong

QUICK RECAP OF PREVIOUS LESSON

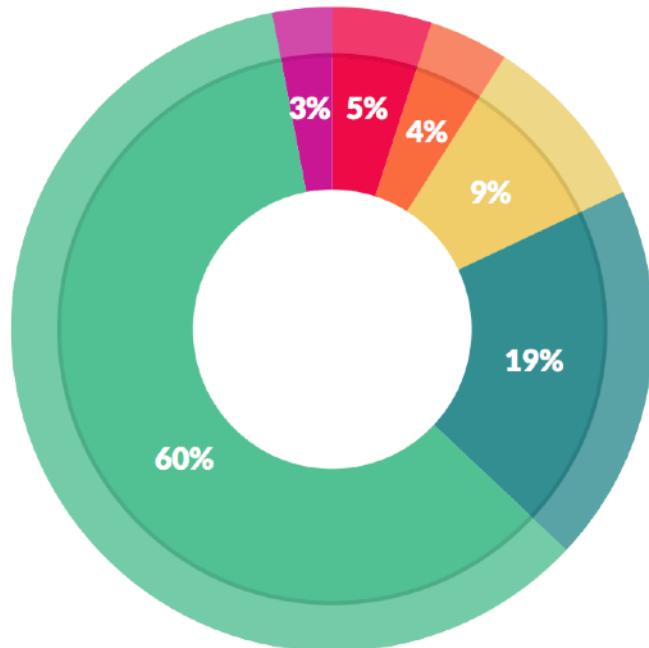


Our focus for today's lesson
Data Collection
Data Cleaning
Exploratory Data Analysis

https://en.wikipedia.org/wiki/Exploratory_data_analysis

How a Data Scientist Spends Their Day

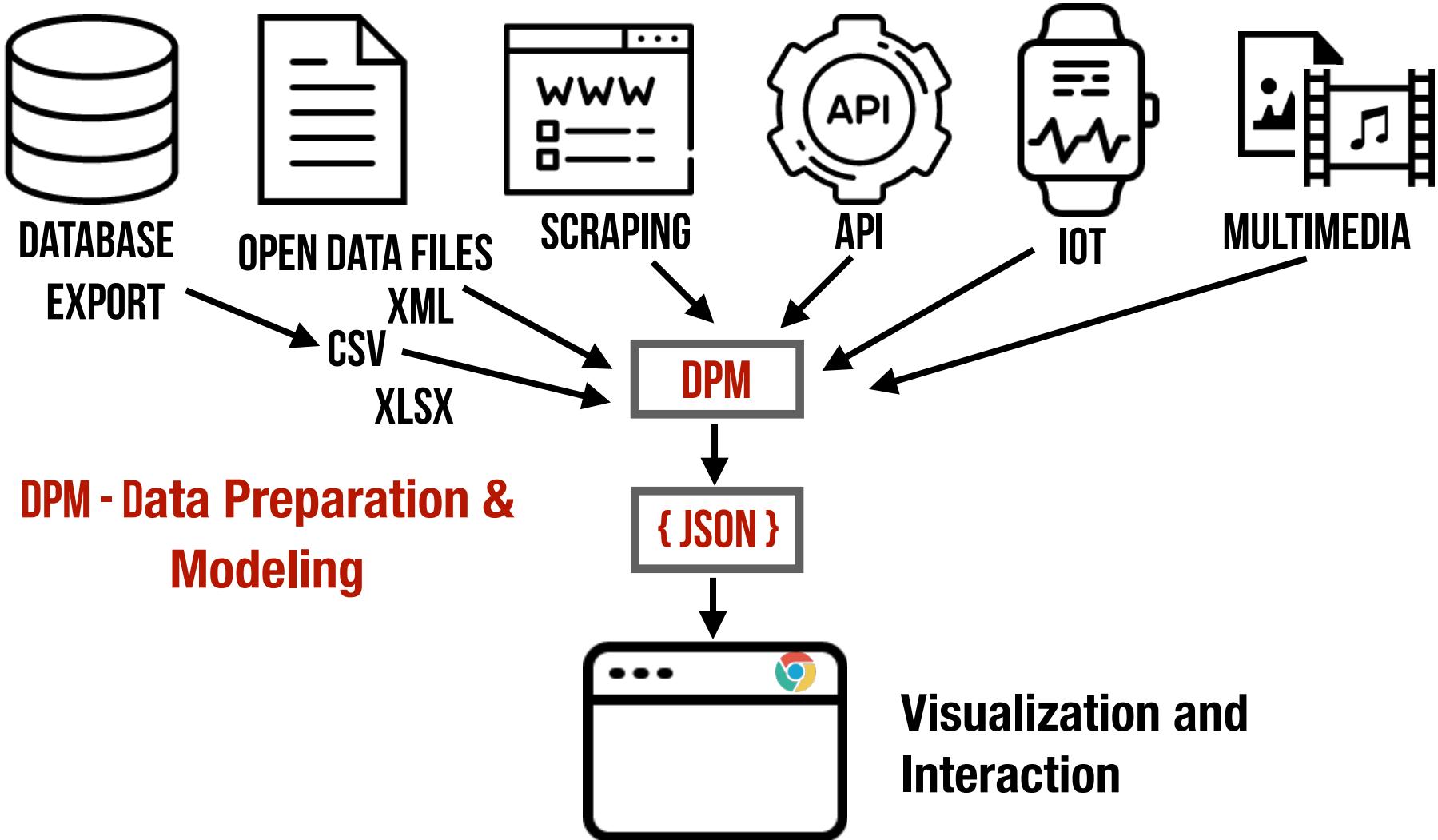
Here's where the popular view of data scientists diverges pretty significantly from reality. Generally, we think of data scientists building algorithms, exploring data, and doing predictive analysis. That's actually not what they spend most of their time doing, however.



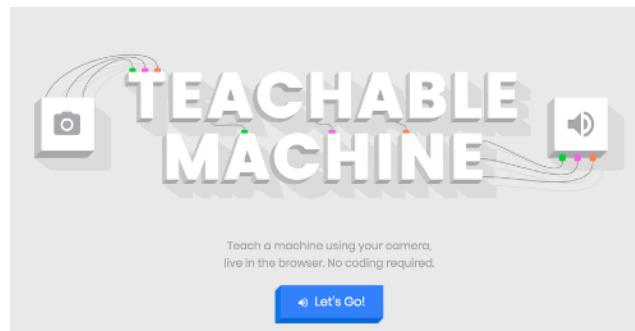
What data scientists spend the most time doing

- *Building training sets:* 3%
- *Cleaning and organizing data:* 60%
- *Collecting data sets;* 19%
- *Mining data for patterns:* 9%
- *Refining algorithms:* 4%
- *Other:* 5%

Source: Data Science 2016 Report by CrowdFlower



Handling the CRISP-DM Using Visual Tools

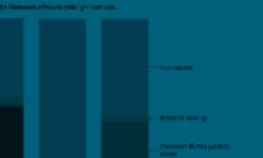


Data-
wrapper



verschillende levensstijl, maar verschillende voorkeuren. Van concreet naar abstract, van 22 tot 75 miljoen euro per jaar voor arbeidsprijs, en van 1 tot 10 miljoen euro voor huurprijs. De huurprijs is de belangrijkste voorkeur voor arbeidsprijs, gevolgd door huurprijs, huurprijs en arbeidsprijs.

er le singole misure di politiche attive



Det gør frem av rapporten fra «Danmarks Statistik» over utdannin, jobb og økonomi for innvandrere. I gruppen er også en stor del af innvandrere palestiner.

– Faktum er at det er store forskjeller i kriminalitet mellom innvandrere, og spesielt etterkommerne, enn for personer med dansk opprinnelse, sier fullmektig Jens Ejerer i Dansk statistikk.

– Det er ikke ettersom de ikke har vært i landet så lenge som vi.

START CREATING

Enrich your stories with charts, maps and tables.



does its survey, which kept some workers at home. Additionally, the "retail apocalypse" of announced store closings meant that more jobs than normal left the economy during the month. This month, the disappointing March number was revised down from 98,000 to 79,000. But the April jobs report provides a bounce back in part because of warmer weather and fewer layoffs. The Labor Department reported gains in hospitality, mining, healthcare, and finance. Including the revisions for the February and March reports, an average of 174,000 jobs were added per month over the last three months.

Monthly Changes in U.S. Employment (Non-Farm), 2006-2017



Source: Bureau of Labor Statistics / St. Louis Fed / Atlantic

Atlantic

3. An interest-rate hike in June now looks more likely.

In the past, the Fed has indicated that continued growth in the U.S. labor market is

Prüfung, der keine universitären Abschluss hat, diese Viele Migranten aus dem jungen und deshalb noch in der Ausbildung

Jeder Vierte hat keinen beruflichen Abschluss

Berufsqualifizierte Abschlüsse
■ ohne Migrationshintergrund ■ mit Migrationshintergrund



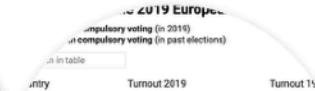
Quelle: Statistisches Bundesamt - Soz

Auch beim Berufsbildungsbau ist es ähnlich: 27 Prozent der Migranten haben keinen Beruf geführt und kein Berufsbildungsbau absolviert, deutlich mehr als unter den Deutschen ohne Migrationsgeschichte. „Migranten sind die Neuwandrende“, besser qualifiziert als die Migranten, die seit 20, 30 Jahren hier leben. „Hochschulabschlüsse, die Anteile inzwischen vergleichbar mit der Bevölkerung“ Mit den Pflichtschülern habe sich das Qualifikationsniveau der Neuwandrenden jedoch verschlechtert, sagt Brückner, dass es in den meisten Herkunftsstaaten ein detailliertes Ausbildungssystem wie in Deutschland gebe.

Migranten und ihre Kinder verdienen weniger
Monatliches Nettoeinkommen in Euro



<https://www.datawrapper.de>



1 Upload Data ✓

2 Check & Describe ✓

3 Visualize ✓

4 Publish & Embed

This chart has been published! If you make changes to the chart you will need to re-publish them.

 Re-publish chart

You have changed the chart after its last publication. To make these changes show up you will need to **publish the chart again**.

Share & Embed

 Share via URL fullscreen normal size ?

[//datawrapper.dwcdn.net/Vz45k/1/](https://datawrapper.dwcdn.net/Vz45k/1/)

</> Copy Embed code responsive iframe iframe ?

<iframe title="Product" data-bbox="72 687 200 710" />

 copy

Allow reuse of this chart

Product Inventory Summary

Class Demo for Product Summary Visualisation

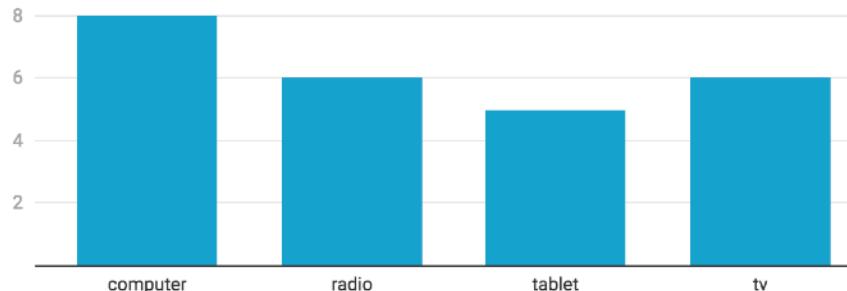
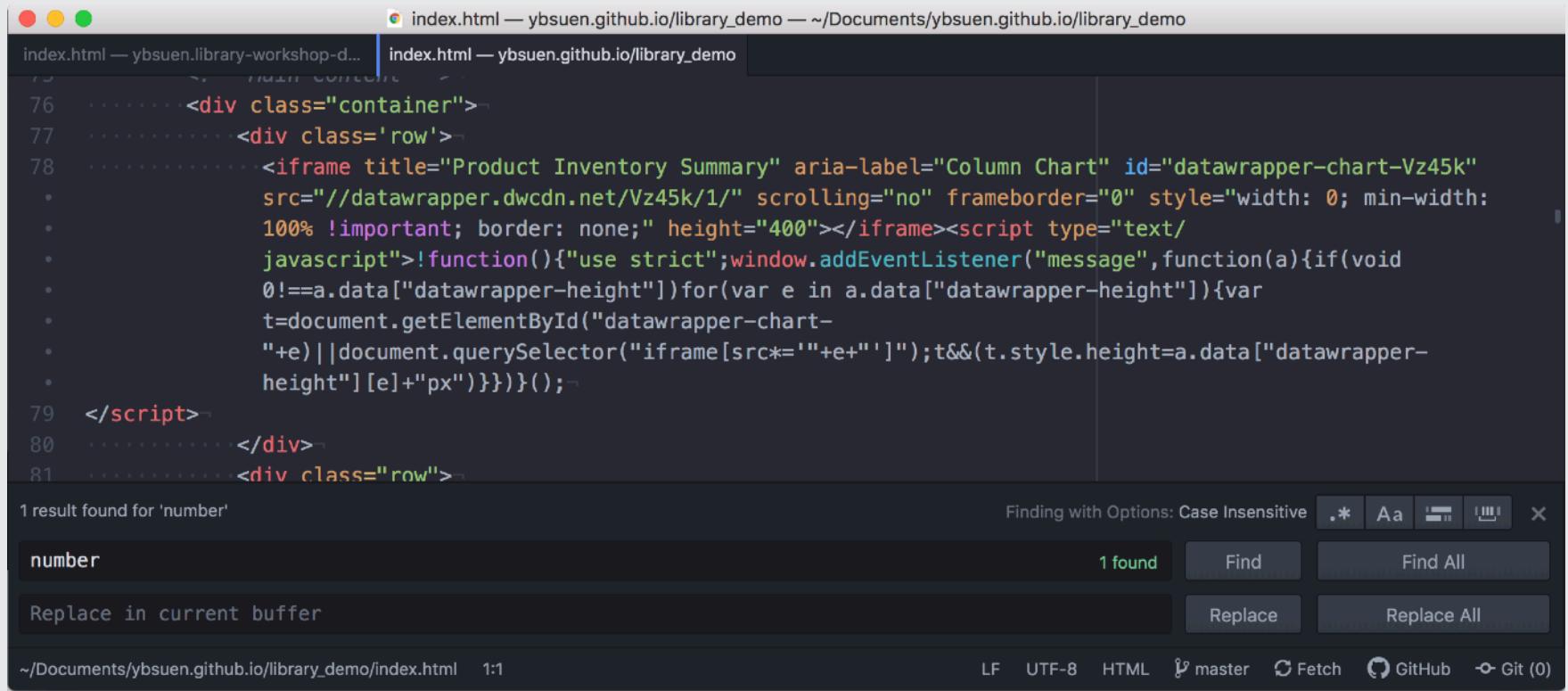


Chart: By Bernard • Source: [Airtable Data Source](#) • [Getthedata](#) • Created with [Datawrapper](#)



```
index.html — ybsuen.github.io/library_demo — ~/Documents/ybsuen.github.io/library_demo
index.html — ybsuen.library-workshop-d... index.html — ybsuen.github.io/library_demo

76 ..... <div class="container">
77 .....   <div class='row'>
78 .....     <iframe title="Product Inventory Summary" aria-label="Column Chart" id="datawrapper-chart-Vz45k"
79 .....       src="//datawrapper.dwcdn.net/Vz45k/1/" scrolling="no" frameborder="0" style="width: 0; min-width:
80 .....       100% !important; border: none;" height="400"></iframe><script type="text/
81 .....       javascript">!function(){use strict";window.addEventListener("message",function(a){if(void
82 .....       0!==a.data["datawrapper-height"])for(var e in a.data["datawrapper-height"]){var
83 .....       t=document.getElementById("datawrapper-chart-
84 .....       "+e)||document.querySelector("iframe[src*='"+e+"']");t&&(t.style.height=a.data["datawrapper-
85 .....       height"][e]+"px")}}})();
```

1 result found for 'number'

number 1 found Find Find All

Replace in current buffer Replace Replace All

~/Documents/ybsuen.github.io/library_demo/index.html 1:1 LF UTF-8 HTML master Fetch GitHub Git (0)

Start Bootstrap

HOME

ABOUT

SAMPLE POST

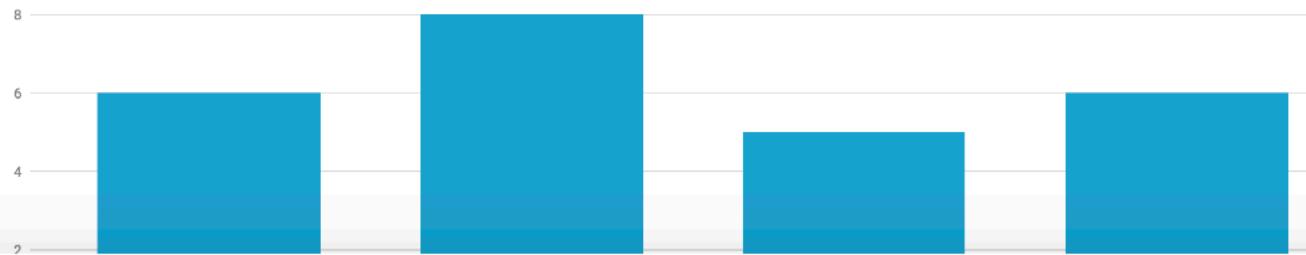
CONTACT

Clean Blog

A Blog Theme by Start Bootstrap

Product Inventory Summary

Class Demo for Product Summary Visualisation



Product Inventory Summary

Class Demo for Product Summary Visualisation

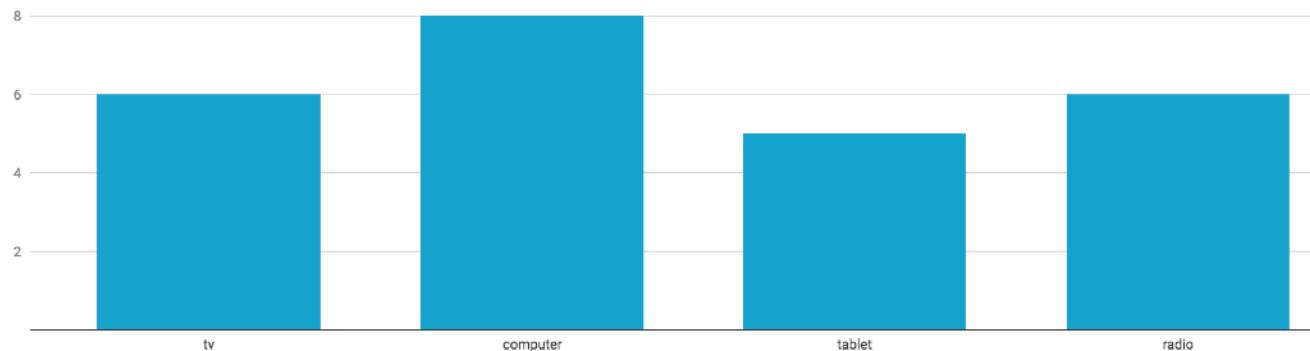


Chart: By Bernard • Source: [Airtable Data Source](#) • [Get the data](#)

**Man must explore, and this is
exploration at its greatest**

Problems look mighty small from 150 miles up

Posted by Start Bootstrap on September 24, 2019

Handling the CRISP-DM in Codes



China Weather

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December
- Climate Change

[Home](#) / [Weather](#) /

China Air Pollution

As one of the most popular tourist destinations in the world, China has abundant tourism resources, the vast majority of which are of great renown. However, the number of tourists visiting China declined from 2013, mostly due to its increasingly serious air pollution. Many cities have been adversely affected by hazy weather since the beginning of 2013. This is especially true of central and eastern China's cities such as Tangshan, Jinan, Zhengzhou, and Xi'an for example.

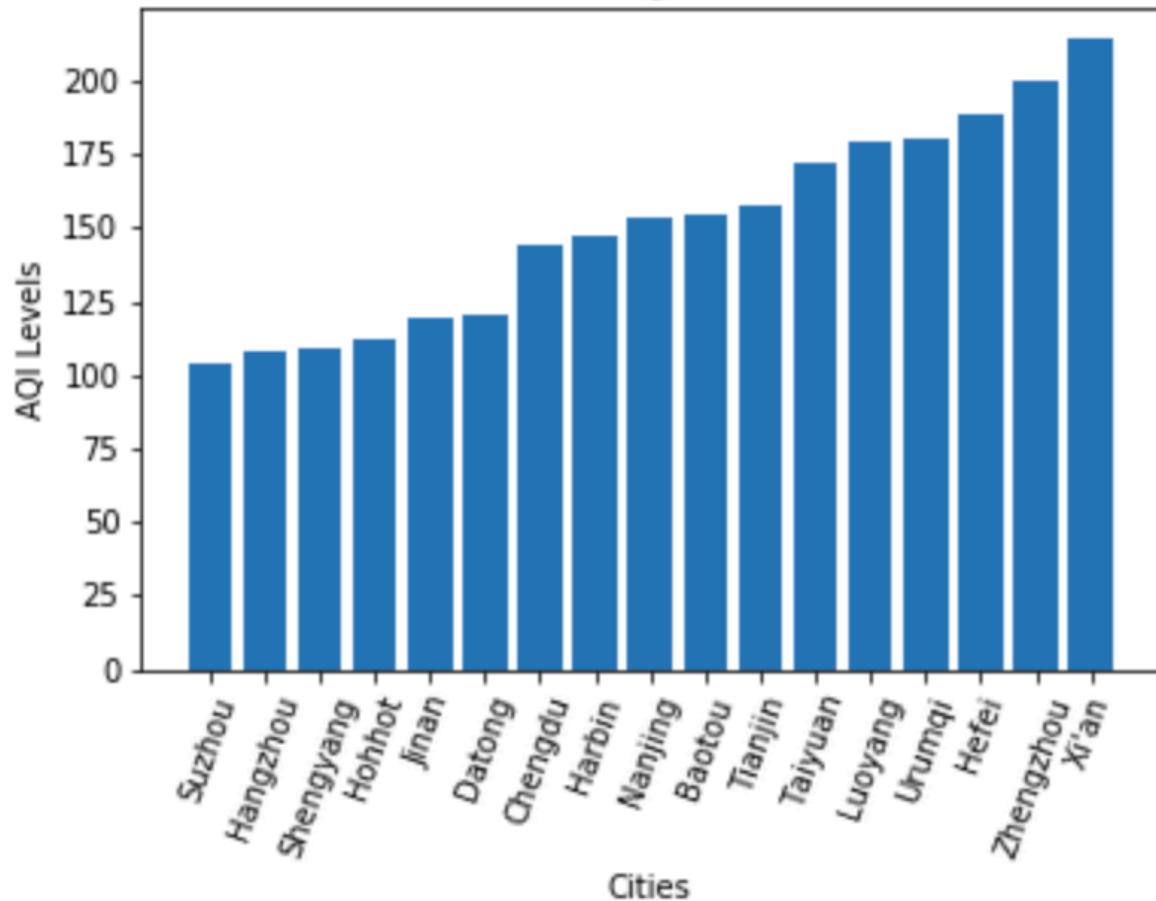
It is known to all that the rapid development of China's economy in the past 30 years resulted in environmental degradation. Nevertheless, the hazy weather records of China in 2013 attracted global attention. It is a pity that as a consequence some foreign residents choose to give up their jobs and life in China.

Distribution Map of Hazy Weather in China



<https://www.travelchinaguide.com/climate/air-pollution.htm>

Cities with High AQI Levels



Bar chart

**What can we learn from using these tools and
coding demonstration? What is the **lesson**?**

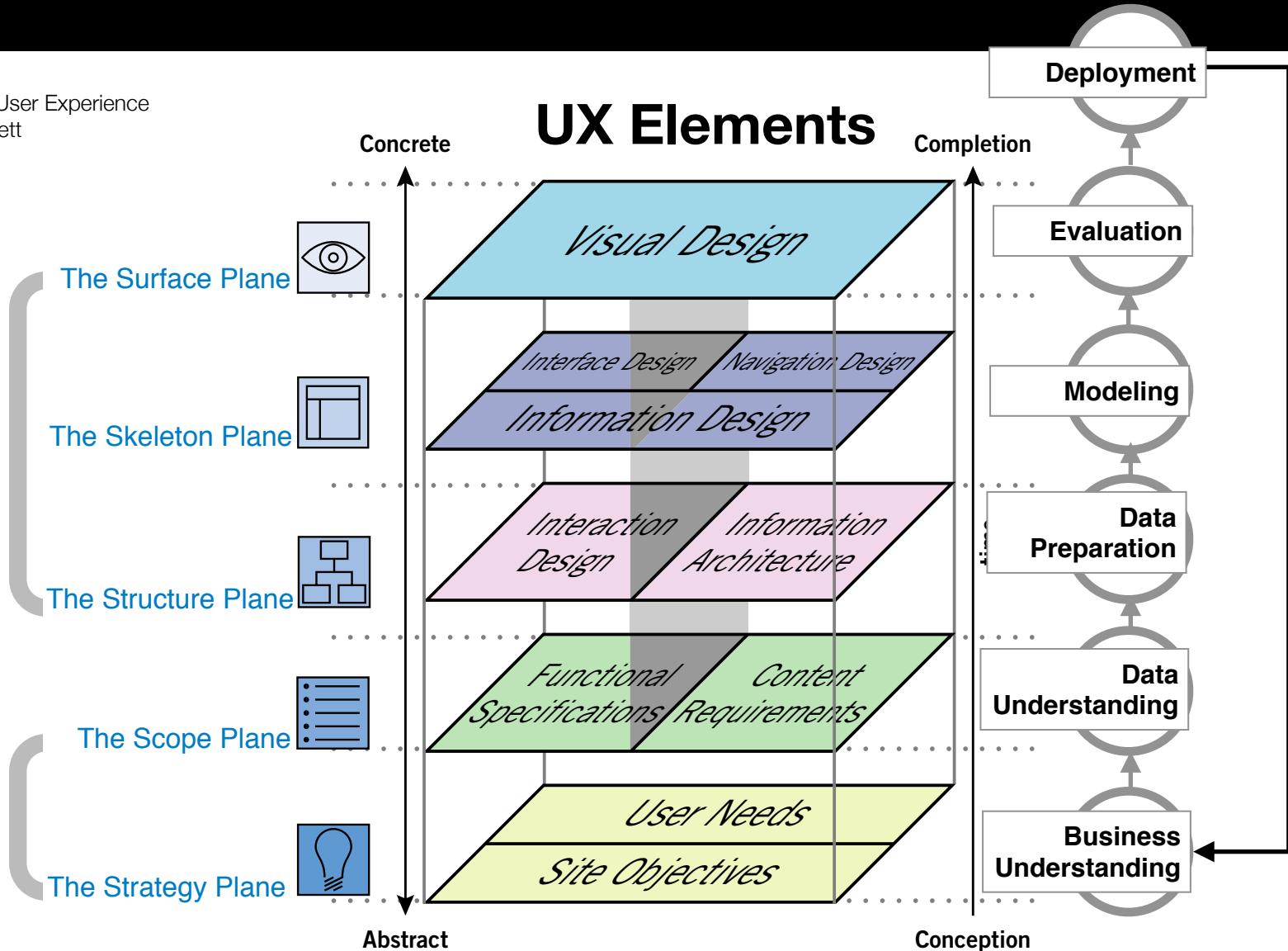
Source: Elements of User Experience
by Jesse James Garrett

Solution Space

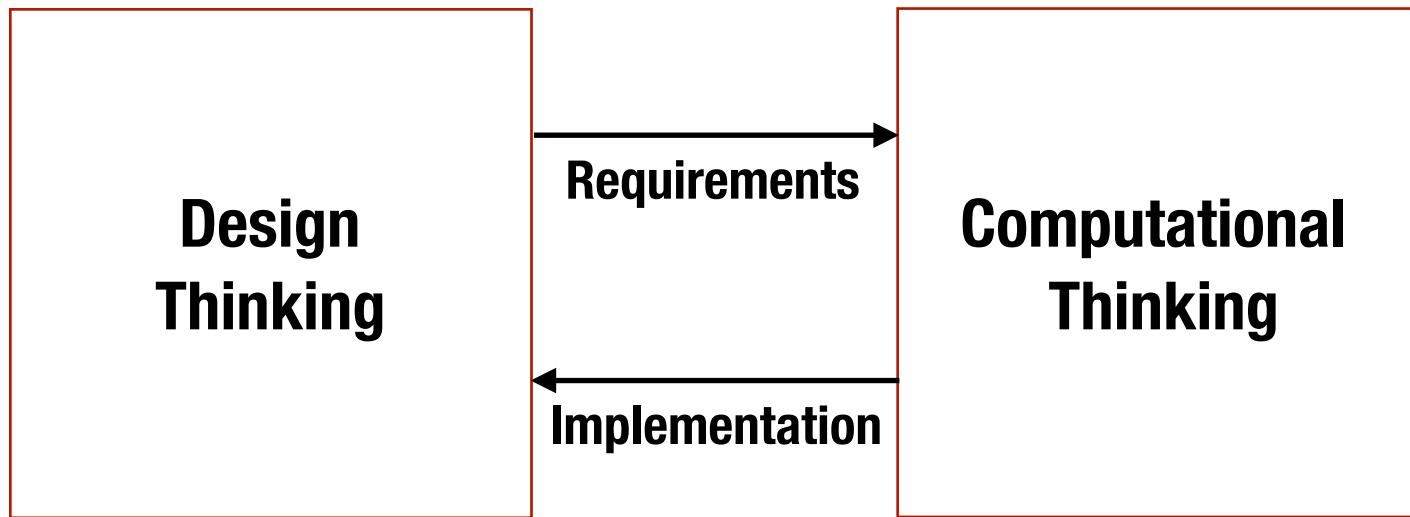
how and
how much

Problem Space

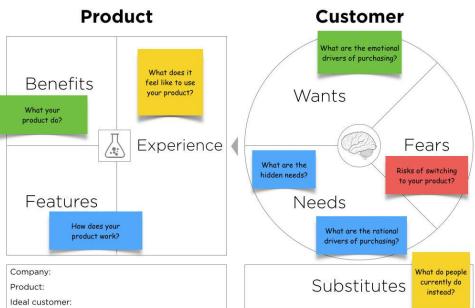
who, what,
and why



Acquiring the *Mindset* to Think About Development and *Operation* of Smart Connected Products and Services



Business Requirements

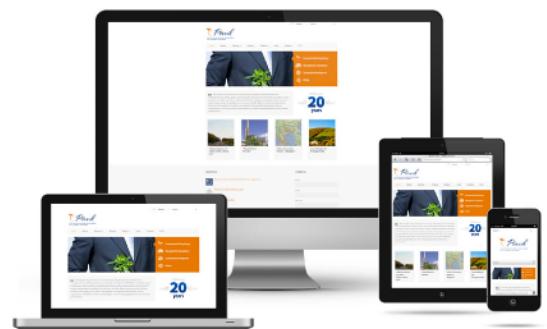


PROBLEM	SOLUTION	UNIQUE VALUE PROPOSITION	UNFAIR ADVANTAGE	CUSTOMER SEGMENTS
KEY METRICS		CHANNELS		
COST STRUCTURE		REVENUE STREAMS		

Design Transformation



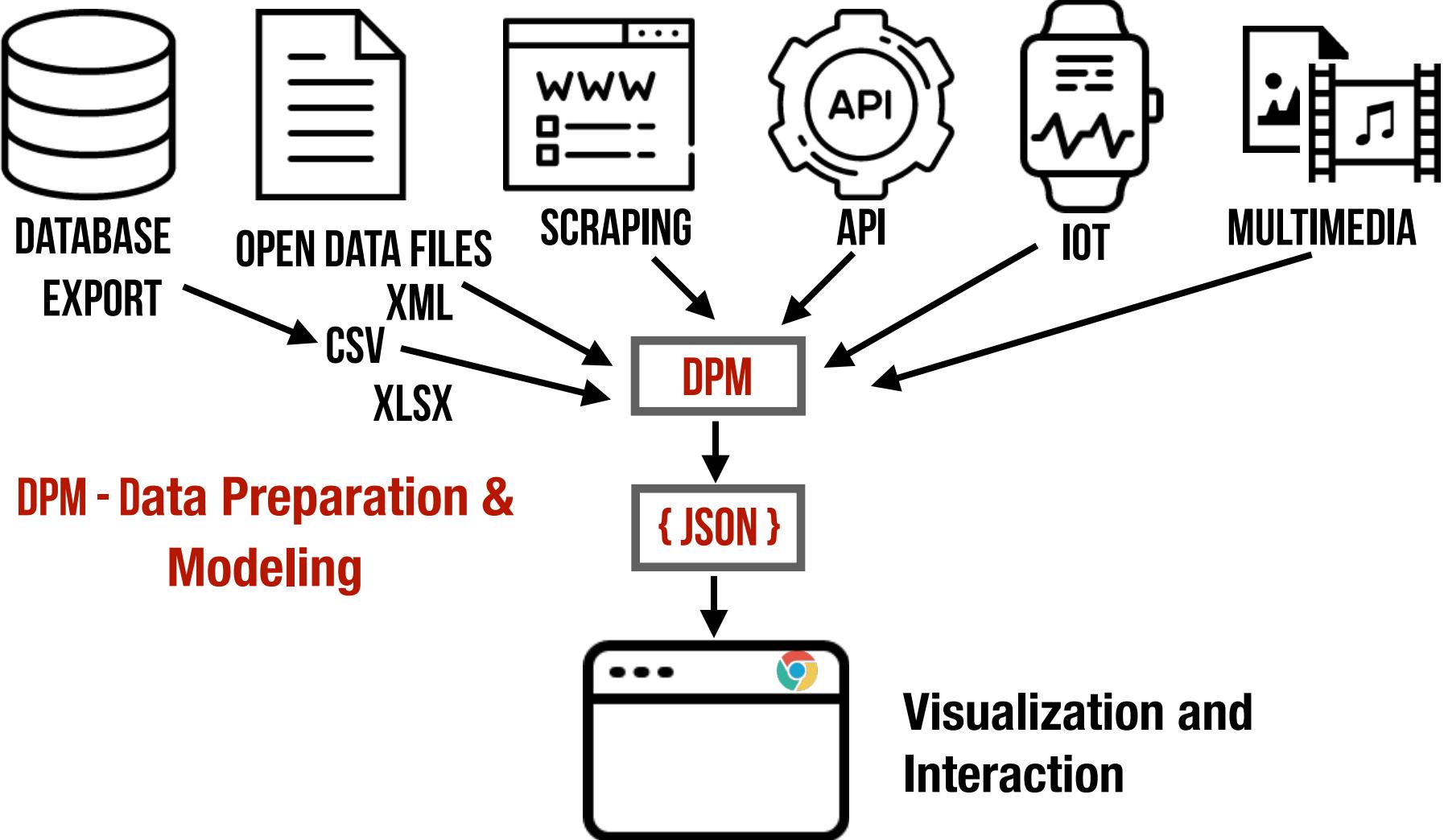
Product/System Engineering/ Production





“Computer Science itself is not really about computers or programming for that matter. It’s really about **information, how you think about it and how you **represent** it with what methods or **algorithms** you can **process** it.”**

David J. Malan , Gordon McKay
Professor of the Practice of Computer
Science at Harvard University



About Assignment Submission

master

ybsuen.github.io / com5961 /

Go to file

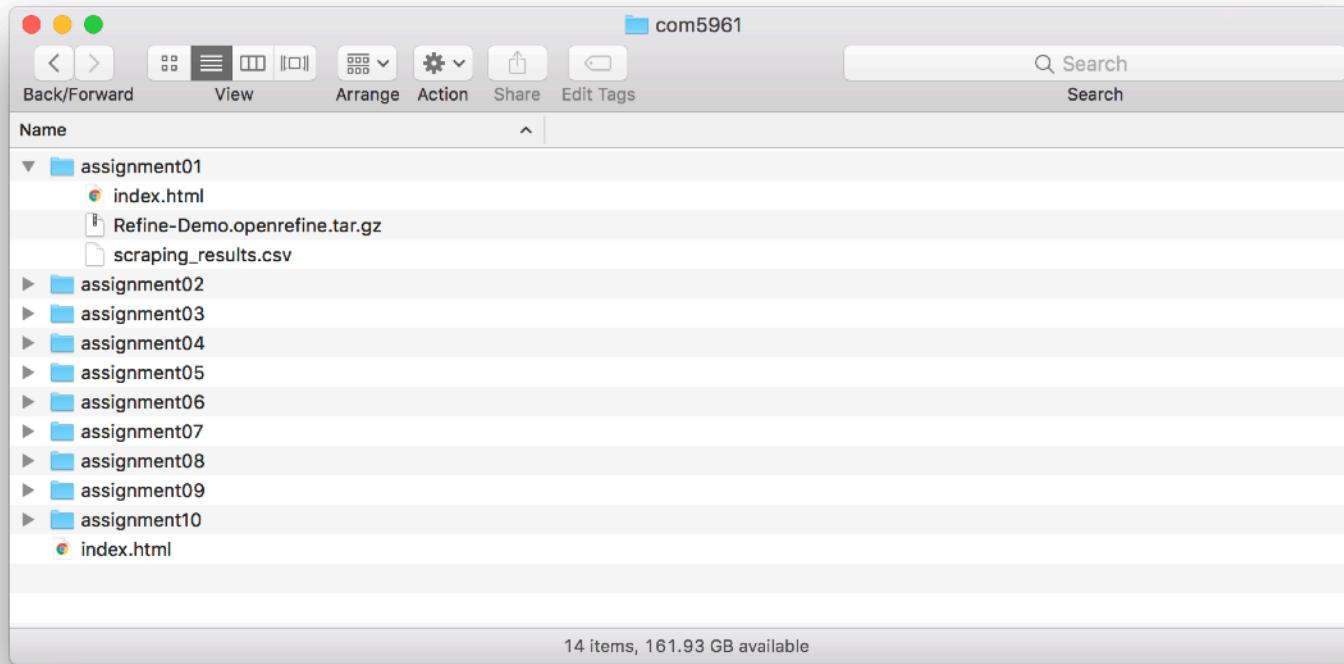
Add file

 ybsuen Update com5961 ...

✓ 2fc2212 21 seconds ago 

..

 assignment01	Update com5961	10 minutes ago
 assignment02	Update com5961	21 seconds ago
 assignment03	Update com5961	21 seconds ago
 assignment04	Update com5961	21 seconds ago
 assignment05	Update com5961	21 seconds ago
 assignment06	Update com5961	21 seconds ago
 assignment07	Update com5961	21 seconds ago
 assignment08	Update com5961	21 seconds ago
 assignment09	Update com5961	21 seconds ago
 assignment10	Update com5961	21 seconds ago
 .DS_Store	Update com5961	21 seconds ago
 index.html	Update com5961	21 seconds ago



Assignments

1. [Assignment 01](#)
2. [Assignment 02](#)
3. [Assignment 03](#)
4. [Assignment 04](#)
5. [Assignment 05](#)
6. [Assignment 06](#)
7. [Assignment 07](#)
8. [Assignment 08](#)
9. [Assignment 09](#)
10. [Assignment 10](#)

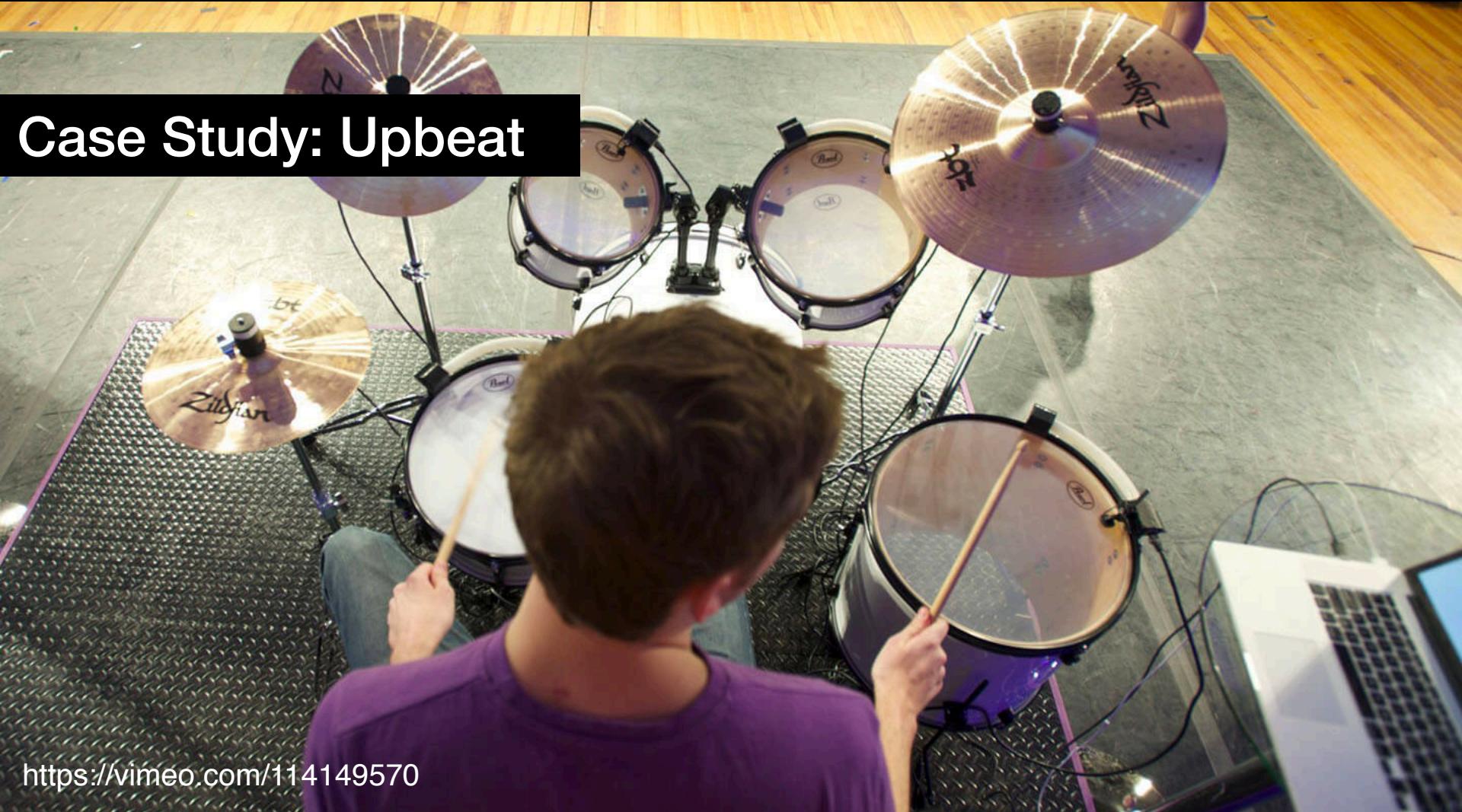
Assignment #1

1. [Web page\(s\) targeted for scraping](#)
2. [Open Refine Project File](#)
3. [Scraped Result File](#)

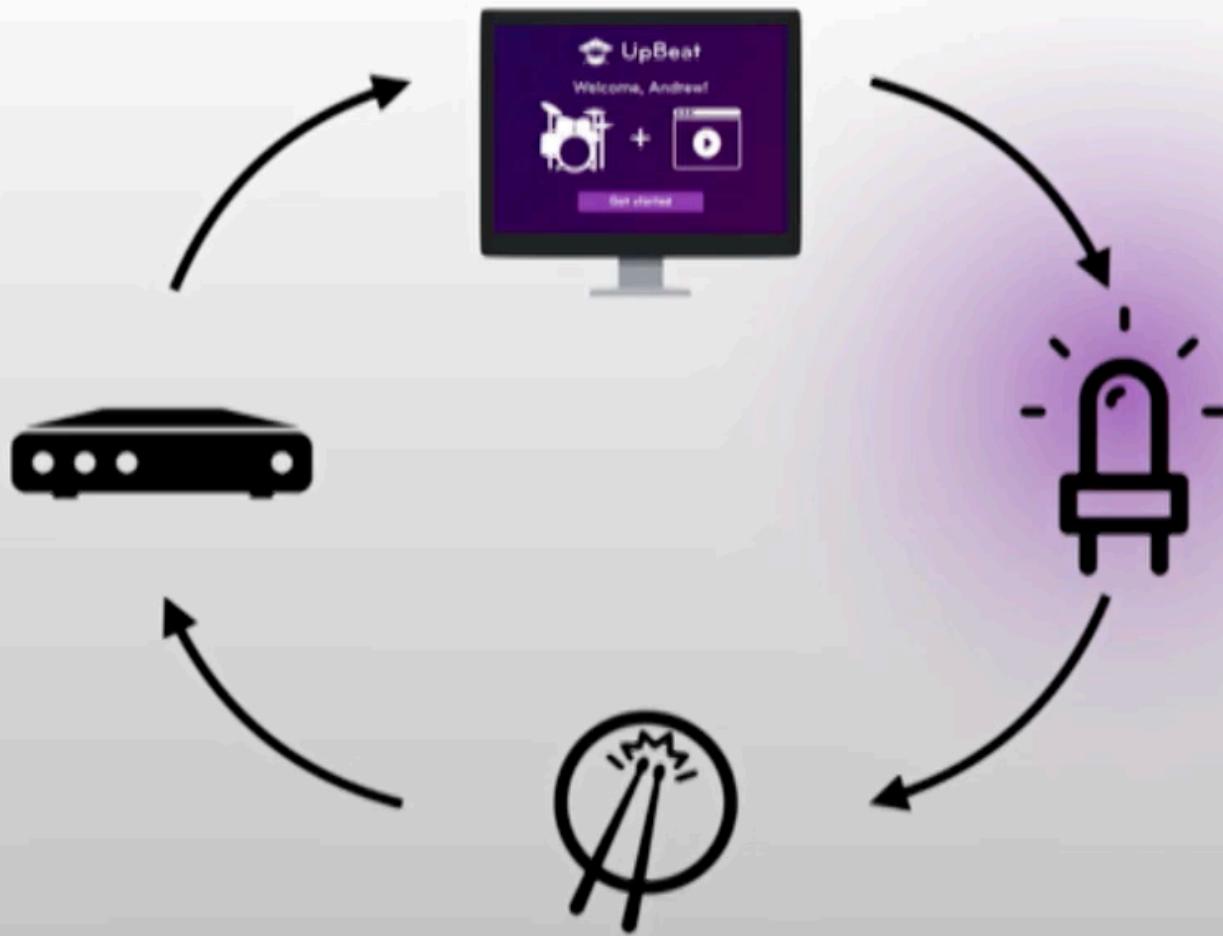
[Return](#)

Building Smart Connected Products

Case Study: Upbeat

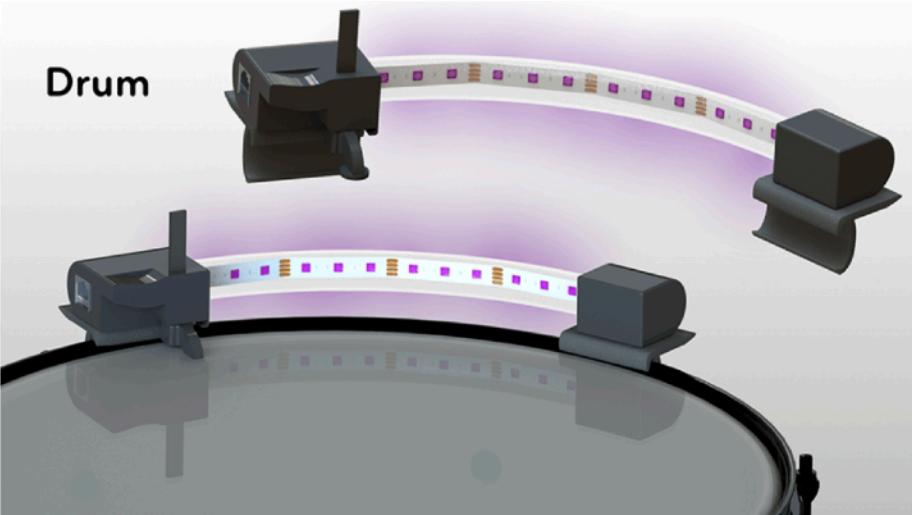


<https://vimeo.com/114149570>

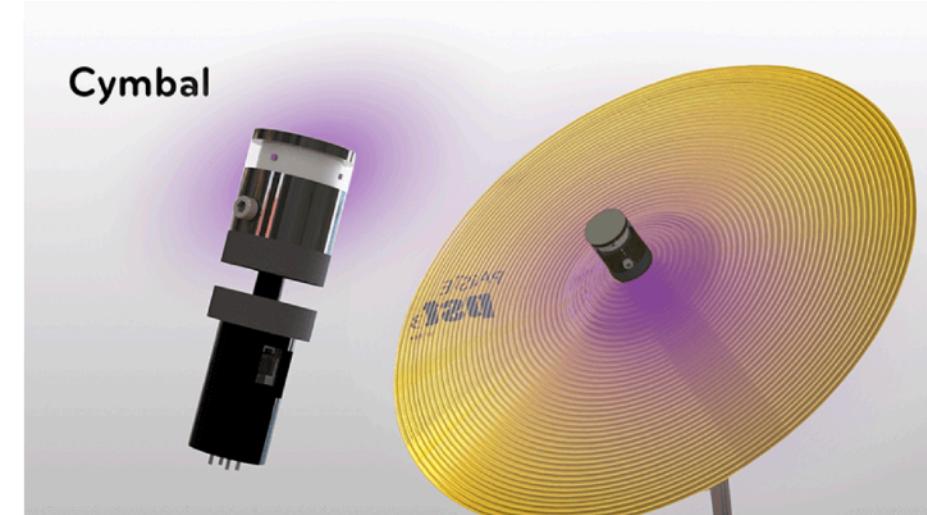


<https://vimeo.com/114149506>

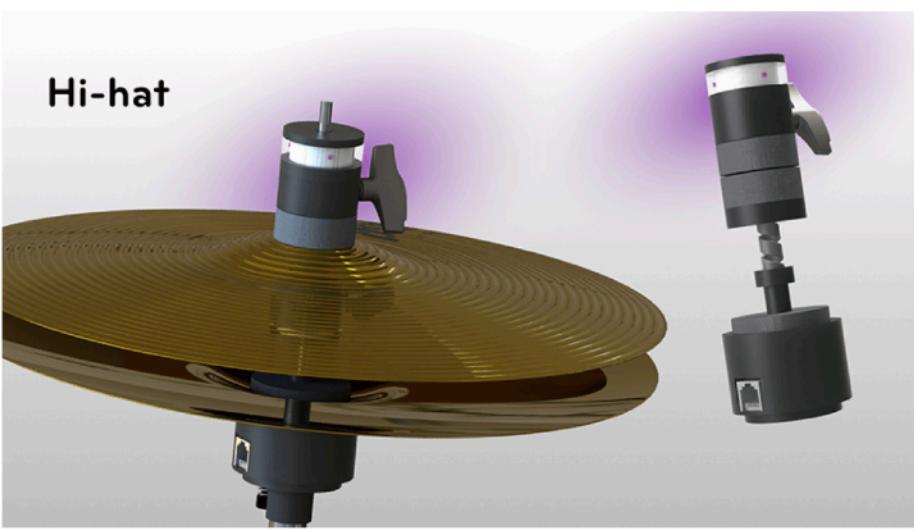
Drum



Cymbal

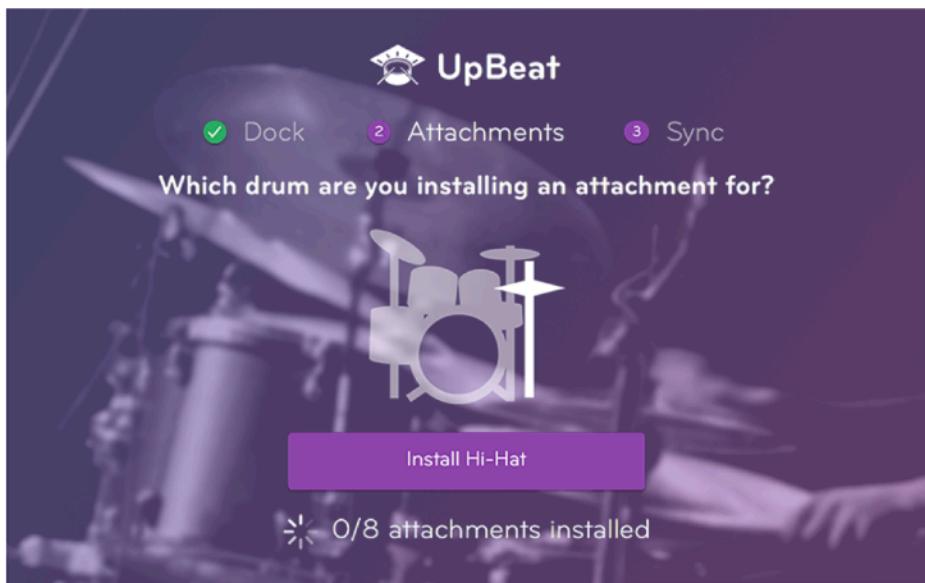


Hi-hat



Dock





Installing a new UpBeat attachment

A screenshot of UpBeat's practice mode. The interface has a purple header bar with the word "Practice" on the right. Below the header, the title "Eighth Note Rock Beat 1" and the author "Jim Chapin" are displayed. On the far right, there's a "GOOD!" message with a small circular icon. The main area shows two staves of musical notation. The top staff is highlighted with a purple glow. Both staves consist of eighth notes, some of which have an "X" over them, indicating they are to be played. The time signature "4/4" is indicated at the beginning of both staves.

UpBeat's practice mode, similar to Guitar Hero or Rock Band

Library

SORT BY DATE ADDED ▾

Drum Rudiments
Terence Fletcher

Amen, Brother 2:32 135 BPM 87% RECORD

Seven Nation Army
The White Stripes

Brianstorm
The Arctic Monkeys

+ ⚡

Learn
Amen, Brother

Closed Hi-Hat + Snare

II

Practice
Amen, Brother

PERFECT!

II

Record

BAR 0005 BEAT 3

II

Settings

SENSORS

Snare Drum
Connected, 54% battery

Bass Drum
Connected, 48% battery

Hi-Hat
Not connected

Tom-Tom

≡

Settings
Sync New Drum

Drum Type Snare Drum ▾

Drum Name optional

Calibrating...

Done

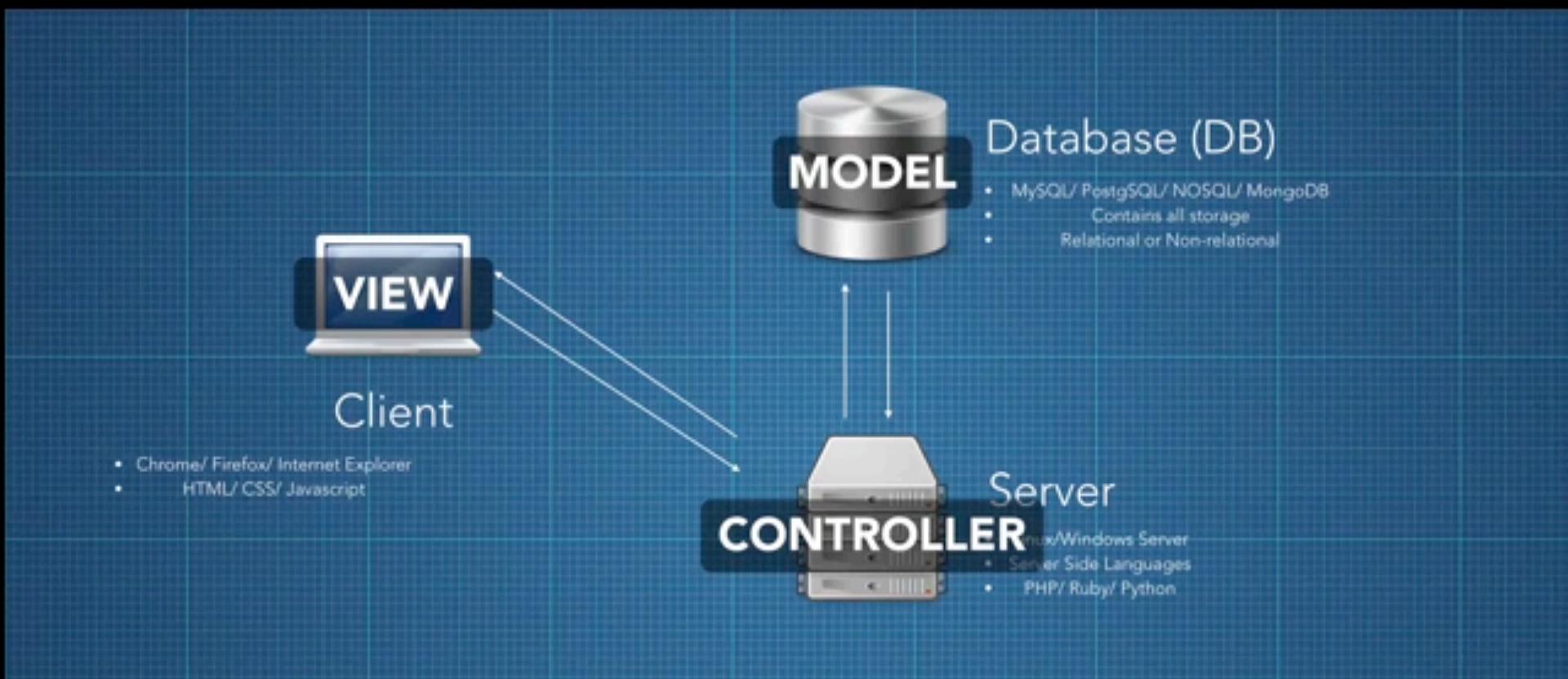
Hit your drum now.

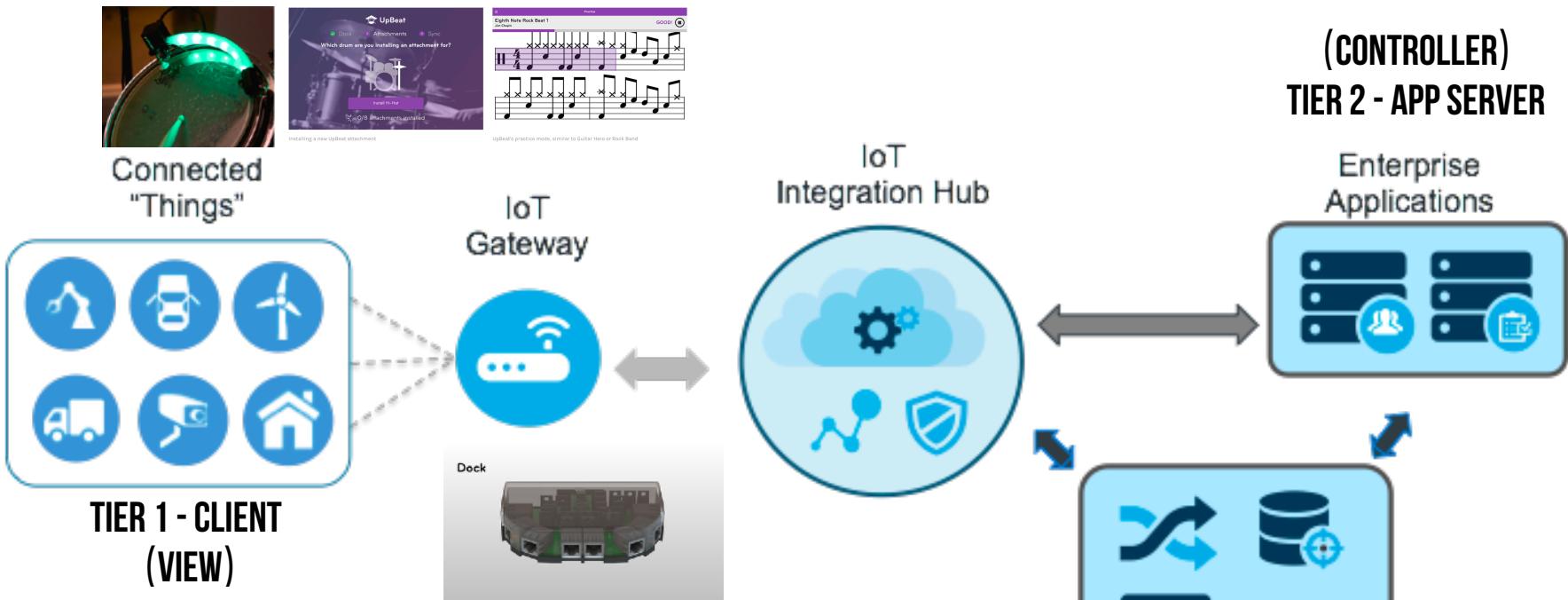
≡

User flows and early wireframes for the three modes of the UpBeat app

Conceptual Framework for Understanding the Flow of Signal and Data Throughout the Application System

HOW DOES A WEBSITE WORK? THE FLOW





- Modular, secure, and end-to-end architecture
- Streaming analytics and machine learning
- Open, interoperable on Hybrid Cloud
- Modern application agility & integration

Source: <http://cloudera.com>

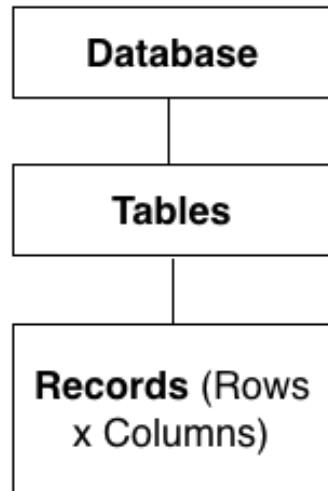
3-TIER CLIENT-SERVER ARCHITECTURE (MVC FRAMEWORK)

From 3-tier Architecture and MVC Framework to Database Development

What is a “database”?

“A database is a computerised system that makes it easy to search, select and store information..”

Source: BBC Website



“A **database** is made up of a collection of **tables** which relate to each other for storing and managing data entries (**records**), organised by rows and columns.



Product Blocks Templates Universe Pricing Sign in [Sign up](#)

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Part spreadsheet, part database, and entirely flexible, teams use Airtable to organize their work, their way.

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What will you be using Airtable for?

Select an option ▾

Skip

Continue

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Good news! Your workspace will receive a **14-day free trial** of our **Pro plan**, which includes:

- ✓ Increased record & attachment limits
- ✓ Extended revision & snapshot history
- ✓ Extended functionality with blocks
- ✓ Advanced calendar features
- ✓ Custom branded forms
- ✓ More colors and styling options
- ✓ Personal views

Priority support Not available during trial
And more!





WORKSPACES

 My First Workspace Trial[+ Add a workspace](#)

Please verify your email address by clicking the link sent to
[bernardsuen@hotmail.com](#). [Resend verification email](#)



[Invite your friends and coworkers to earn account credit!](#) [No thanks](#)

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Trial 14 days left[SHARE](#)

Event Marketing

Digital Content
Calendar

User Studies



Product Launch



Product Planning

Content Marketing
ManagementDigital Video
ProductionDigital Asset
Management

Applicant Tracking



Add a base



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bernardsuen@hotmail.com. [Resend verification email](#)



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Event Marketing

Digital Content
Calendar

User Studies



Product Launch



Product Planning

Content Marketing
ManagementDigital Video
ProductionDigital Asset
Management

Applicant Tracking



Add a base

- Start with a template
- Import a spreadsheet
- Start from scratch



My First Workspace

Pro trial 14 days left

WORKSPACES

- My First Workspace
- + Add a workspace



Event Marketing

Digital Content
Calendar

User Studies



Product Launch



Product Planning

LEARNING AND RESOURCES

- Guide to Airtable
- Video tutorials
- Help center
- Ask a question
- Importing
- Understanding views
- Advanced linking
- What's new

Content Marketing
ManagementDigital Video
ProductionDigital Asset
Management

Applicant Trac



CI

+ Add a workspace
Add a base

-
-
- Share
- Duplicate base
- Move base to another workspace
- Slack notifications
- Delete base

Untitled Base

HELP ? 🔔

Table 1 ▾

+ SHARE ⚙ BLOCKS

Grid view Hide fields Filter Group Sort Color



1	2	3	+
1			
2			
3			

Try clicking here to expand this record: you'll see all its cells in a spacious form layout, as well as its revision history and any associated comments.

3 records



Untitled Base

SHARE

Blocks

+ Add a block

Table 1

Grid view Hide fields Filter Group Sort Color ...

Name Id Notes Attachments

1
2
3
+

Blocks give your base superpowers.

Sort Countdown Summary Pivot Table

Add a block

3 records

The image shows the Airtable web application interface. On the left, there's a table named "Table 1" with four rows of data. The columns are labeled "Name", "Id", "Notes", and "Attachments". The first row contains the values "1", "", "", and "" respectively. The second row contains "2", "", "", and "" . The third row contains "3", "", "", and "" . There are also "+" and "-" buttons for adding or removing rows. Above the table are various navigation and filtering tools: "Grid view", "Hide fields", "Filter", "Group", "Sort", "Color", and a three-dot menu. The title bar says "Untitled Base". On the right side, there's a sidebar titled "Blocks" which contains a grid of eight colored icons: orange (with a checkmark), blue (with a document), pink (with a speech bubble), cyan (with a clock), purple (with a magnifying glass), yellow (with a globe), and teal (with a hash). Below these icons is the text "Blocks give your base superpowers." and a blue "Add a block" button. At the very bottom of the sidebar, there's a row of smaller, semi-transparent circular icons representing different block types. The bottom left corner of the main table area shows the text "3 records".

The Field Types Found in Airtable

- | | | |
|---------------------|---------------------|-------------------|
| 1. Single Line Text | 9. Attachment | 17. Created Time |
| 2. Long Text | 10. Checkbox | 18. Modified Time |
| 3. Date | 11. Multiple Select | 19. Formula |
| 4. Phone Number | 12. Single Select | 20. Autonumber |
| 5. URL | 13. Collaborator | 21. Count |
| 6. Number | 14. Duration | 22. Link |
| 7. Currency | 15. Email | 23. Lookup |
| 8. Percent | | 24. Rollup |
| | | 25. Barcode |

A database can be used for representing and tracking people, things, events. and transactions.

- People (e.g. students, employees, customers, donors, volunteers)
- Things (e.g. properties, stocks, products, books)
- Events (e.g. campaigns, courses, conferences)
- Transactions (e.g. billings, orders, tasks, donations)

Learning from examples.

https://airtable.com/universe

Apps Cyberport Bootcamp Blockchain NLP and Chatbot FinTech E-Commerce Classes Development Tools Data Science Machine Learning Music Drupal Cloud Providers Other Bookmark

Airtable Bases Templates Universe HELP

AIRTABLE UNIVERSE

Explore, discover, and share your passion

Sort by featured

CATEGORIES

- Featured
- Arts and culture
- Community and local interest
- Creative production
- Education
- Entrepreneurship
- Fashion and style
- Food and drink
- Government and politics
- Health and self-improvement
- Journalism and publishing
- Marketing and sales
- Nonprofits and volunteering
- Operations
- Product, design, and UX
- Products and consumer reviews
- Professional
- Real estate
- Science and technology
- Sports and games
- Travel and outdoors

P Publish your own!

Cole Haan Creative Operations

Cole Haan Brand Creative is an in-house, full service agency. Our Creative Operations team manages...

Andrew Coulter Enright

Twilio's Lightweight CMS

Tony Mataya

Britannica's Digital Content Management System

Alison Eldridge

Insomniac Events' Staffing Template

Insomniac Events

Home

To do list

Sort by featured ▾

CATEGORIES

- Featured
- Arts and culture
- Community and local interest
- Creative production
- Education
- Entrepreneurship
- Fashion and style
- Food and drink
- Government and politics
- Health and self-improvement
- Journalism and publishing
- Marketing and sales
- Nonprofits and volunteering
- Operations
- Product, design, and UX

3 results for To do list



To Do List

#PROFESSIONAL

The old days of scribbling To Do notes in a book that find themselves lost in time are over. Never let any task fall by the wayside again with this Tasklist base. As tasks emerge through...

ClarkeHopkinsClarke 3 years ago



SIMPLE To Do List & Task Management

Simple To Do List & Task Managem...

#CREATIVE PRODU... #ENTREPRENEU... #HEALTH AND SELF-IMPRO...

A simple to do list and task management base for all those tasks you need to manage. This base features an overarching to do list, where you can set due dates, priority levels and categories for...

Natalie Hands 7 months ago

The screenshot shows a public shareable link for an Airtable base. The title card features a decorative background with celestial icons like stars and planets. The title itself is "SIMPLE To Do List & Task Management". Below the title, it says "Updated 7 months ago" and "Copied 613 times". There are social sharing buttons for Twitter, Facebook, and LinkedIn, along with a "Copy base" button.

Simple To Do List & Task Management

#CREATIVE PRODUCTION #HEALTH AND SELF-IMPROVEMENT
#ENTREPRENEURSHIP

Natalie Hands
4 Followers
Designer, full time traveler, serial organizer, & dog mom. Creative lady

A simple to do list and task management base for all those

To Do's

- To Do List
- Organized By Due Date
- Organized By Priority
- Calendar View
- Completed Tasks

</> Hide fields 1 filter

	Name
1	High priority task 1
2	High priority task 2
3	Medium priority tas
4	Medium priority tas
5	Low priority task 1
6	Low priority task 2
7	Task 1
8	Task 2

Explore the base →

8 records

All changes saved

To Do List & Task Management

SHARE BLOCKS

To Do's

Organized By Due Date Hide fields Group Sorted by 1 field

Name Completed Prior... Due Date Category

1	High priority task 1		High	3 February 2019	Personal	
2	High priority task 2		High	3 February 2019	Business	
3	Medium priority task 1		Medium	4 February 2019	Wellness	
4	Medium priority task 2		Medium	4 February 2019	Social	
5	Low priority task 1		Low	5 February 2019	Category	
6	Low priority task 2		Low	5 February 2019	Category	
7	Task 1			9 February 2019		
8	Task 2			9 February 2019		
	+					

The screenshot shows a task management application interface with the following elements:

- Header:** "01 To Do List & Task Management" with a checkmark icon.
- Top Right:** HELP, SHARE, BLOCKS, and user profile icons.
- Left Sidebar:** "To Do's" dropdown menu with "Find a view" search bar. Options include "To Do List", "Organized By Due Date", "Organized By Priority", "Calendar View", and "Completed Tasks" (selected, indicated by a checkmark).
- Right Sidebar:** Filter controls for "Color", "C...", "Prior...", "Due Date", and "Category".
- Content Area:** A table header row with columns for Color, C..., Prior..., Due Date, and Category. Below it, there is a message "0 records".

- 1. Sort** single or multiple fields.
- 2. Group** entries by a single field or multiple fields to create data segments.
- 3. Filter** entries by single or multiple fields as searching conditions.

Use sort, group, and filter to search for information in a table.

To Do List & Task Management

Organized By Priority

PRIORITY	Count
Low	2
Medium	2
High	4

Low priority tasks:

Name	Priority	Due Date	Category
Low priority task 1	Low	5 February 2019	Category
Low priority task 2	Low	5 February 2019	Category

Medium priority tasks:

Name	Priority	Due Date	Category
Medium priority task 1	Medium	4 February 2019	Wellness
Medium priority task 2	Medium	4 February 2019	Social

Total: 8 records Sum: 105.0

of hours

Number

Format: Decimal (1.0)

Precision: 1.0

Allow negative numbers:

Cancel Save

20.0

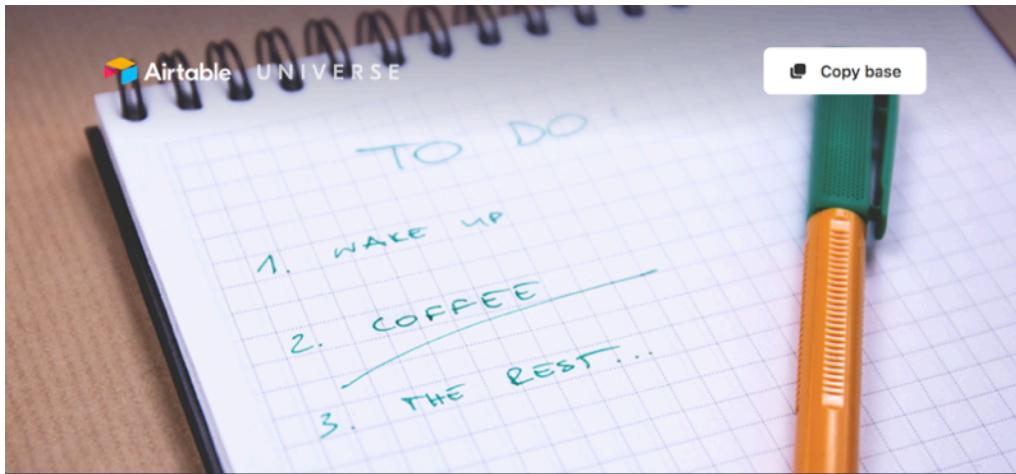
To Do List & Task Management

Organized By Priority

Name	Priority	Due Date	Category	# of hours
Low priority task 1	Low	5 February 2019	Category	10.0
Low priority task 2	Low	5 February 2019	Category	20.0
+				
Medium priority task 1	Medium	4 February 2019	Wellness	15.0
Medium priority task 2	Medium	4 February 2019	Social	20.0
+				

8 records Sum 105.0

Linking Tables



To Do List

#PROFESSIONAL

The old days of scribbling To Do notes in a book that find themselves lost in time are over. Never let any task fall by the wayside again with this

PRIORITY	COMPLETED	NAME
Urgent	☐	1. Urgent task
Urgent	☐	2. Urgent task
Urgent	☐	3. Urgent task

PRIORITY	COMPLETED	NAME
High	☐	4. High priorit
High	☐	5. High priorit
High	☐	6. High priorit

All changes saved

To Do List

Tasks People +

Priority Rated Hide fields Filter Grouped by 2 fields Sort Color ...

Name C... Date Prior... People involved Comments Attachments

PRIORITY

Urgent Count 4

High Count 3

COMPLETED 3

5 High priority task 1 High

6 High priority task 2 High

7 High priority task 3 High

+

Medium Count 3

COMPLETED 3

8 Medium priority task 1 Medium

14 records

Name	C...	Date	Prior...	People involved	Comments	Attachments
PRIORITY						
Urgent Count 4						
High Count 3						
COMPLETED 3						
5	High priority task 1		High			
6	High priority task 2		High			
7	High priority task 3		High			
+						
Medium Count 3						
COMPLETED 3						
8	Medium priority task 1		Medium			

All changes saved

To Do List

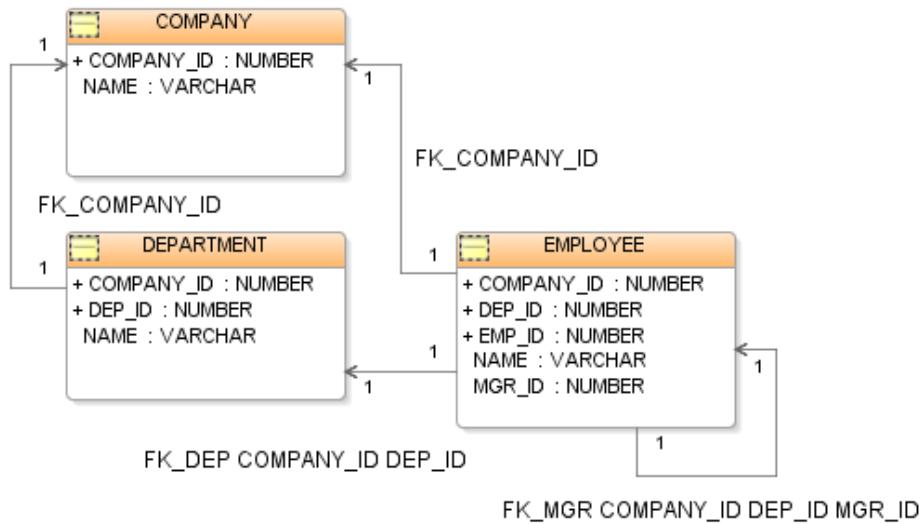
Tasks People +

Main View Hide fields Filter Group Sort Color ...

	Staff	Tasks
1	Amy	
2	Andy	
3	Brad	
4	Clare	
5	Jessica	
6	Rebecca	
+		

Building relationships between tables by using foreign key.

- Every entry in a table should be uniquely defined by a **primary key**.
- Build relationships between tables by making one of the fields in the table as a key linked to the **primary key** of another table.
- The field from the original table is called a **foreign key**.



Source: commons.wikimedia.org

Understanding Views

All changes saved

To Do List

SHARE BLOCKS

Tasks People

Find a view

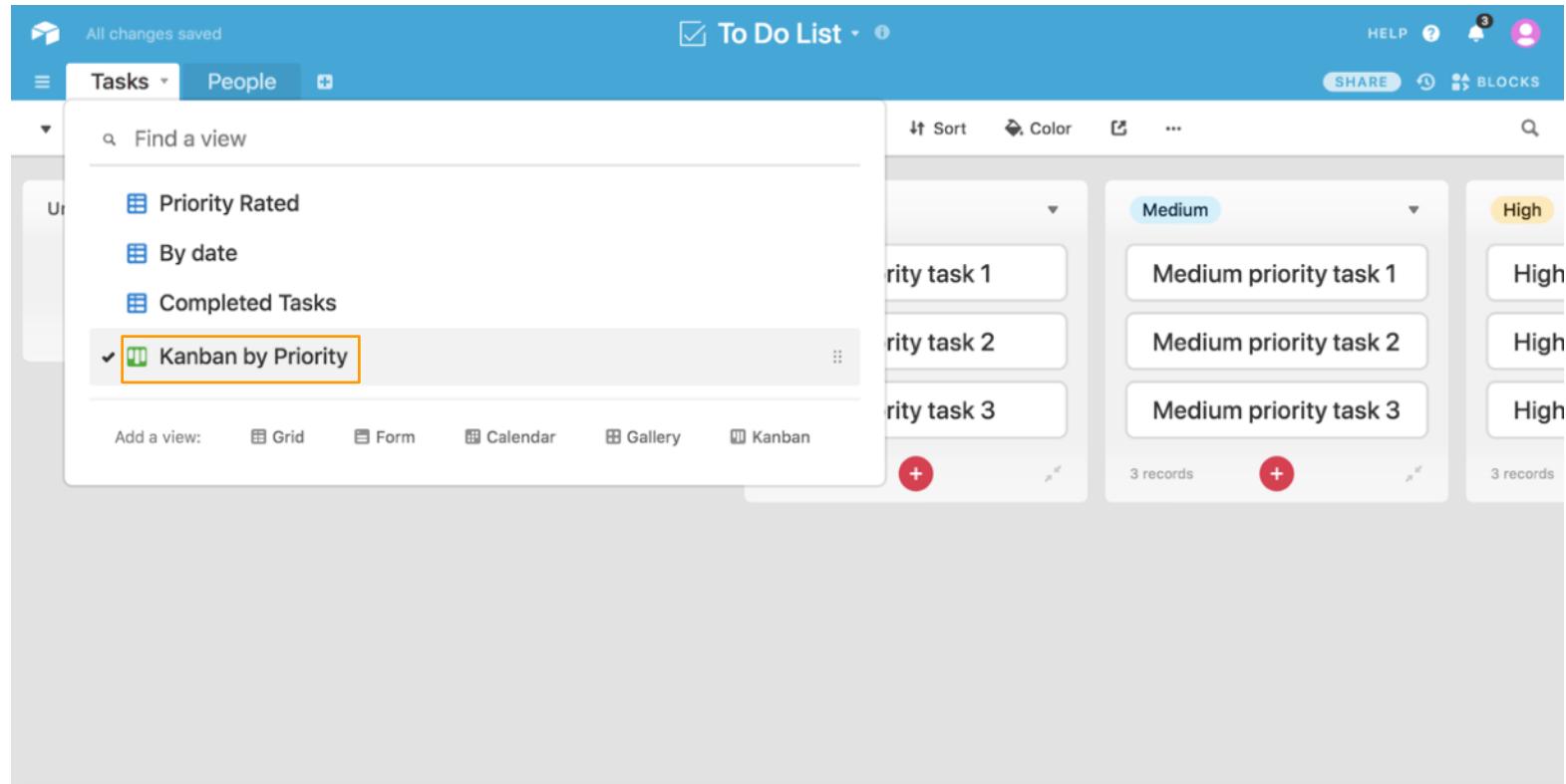
- Priority Rated
- By date
- Completed Tasks
- Kanban by Priority**

Add a view: Grid Form Calendar Gallery Kanban

Sort Color

Priority	Task Description	Priority
Medium	Priority task 1	High
Medium	Priority task 2	High
Medium	Priority task 3	High
Medium	Medium priority task 1	High
Medium	Medium priority task 2	High
Medium	Medium priority task 3	High

3 records 3 records



To Do List

Tasks People

Kanban by Priority

Stacked by Priority

Customize cards

Filter Sort Color

SHARE BLOCKS

HELP ?

3

1

Uncategorized

No records

+ ↗

On Hold

On Hold task 1

1 record + ↗

Low

Low priority task 1

Low priority task 2

Low priority task 3

3 records + ↗

Medium

Medium priority task 1

Medium priority task 2

Medium priority task 3

3 records + ↗

High

High

High

High

High

High

High

High

High

To Do List

Tasks People +

Find a view

- Priority Rated
- By date
- Completed Tasks
- Kanban by Priority

Add a view: Grid Form Calendar Gallery Kanban

Form view
Create a shareable form that populates records in your table. Send anyone the form for them to fill out.

Sort Color ...

Priority	Priority task 1	Priority task 2	Priority task 3	Medium	Medium priority task 1	Medium priority task 2	Medium priority task 3	High	High priority task 1	High priority task 2	High priority task 3
Medium	Priority task 1	Priority task 2	Priority task 3	Medium	Medium priority task 1	Medium priority task 2	Medium priority task 3	High	High priority task 1	High priority task 2	High priority task 3

3 records 3 records 3 records

SHARE ? BLOCKS

HELP ? 3

 To Do List 1

HELP ?  

SHARE  

Tasks  People 

Form for Entering Tasks  Share form  Open form 

Fields  remove all

Drag and drop fields here to hide

+ Add a field to this table

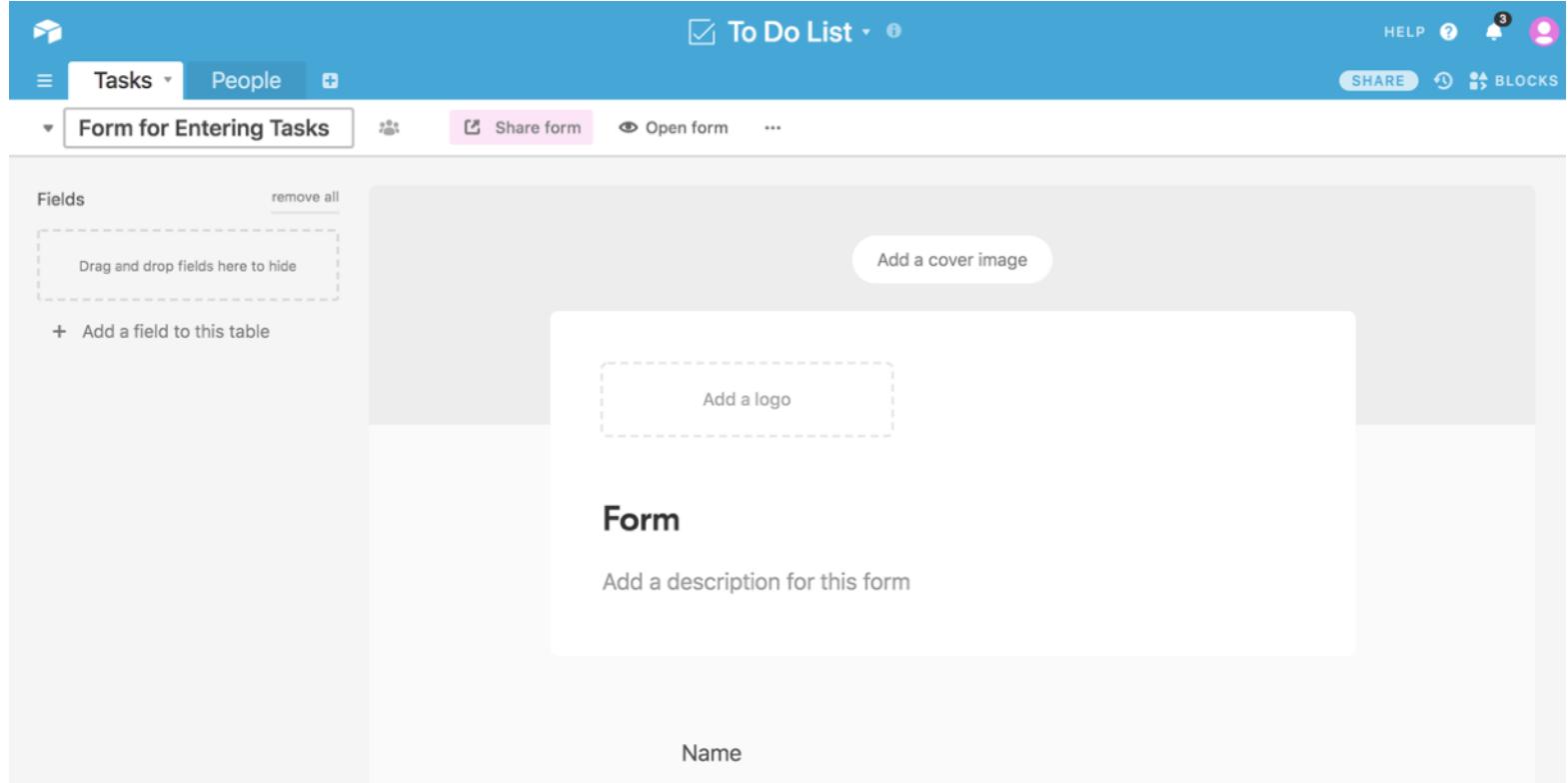
Add a cover image

Add a logo

Form

Add a description for this form

Name



All changes saved

To Do List • 0

HELP 🔎 🔍 3 🔍 🔍 BLOCKS

SHARE

Tasks People +

Form for Entering Tasks 📁 Share form Open form ...

Fields remove all

Drag and drop fields here to hide

+ Add a field to this table

Attachments

Attach file

Drop files here

People involved

+ Add

Submit

This image shows a screenshot of a digital form builder interface. The top navigation bar includes 'All changes saved', a title 'To Do List', and various help and user icons. The main content area is titled 'Form for Entering Tasks' and features a table structure. The first column is labeled 'Fields' and has a placeholder 'Drag and drop fields here to hide'. The second column is a large empty table cell. A callout box titled 'Attachments' contains 'Attach file' and 'Drop files here' buttons. Below the attachments section is a 'People involved' section with a '+ Add' button. At the bottom is a large blue 'Submit' button.

All changes saved

To Do List

Tasks People

Form for Entering Tasks

Share form Open form ...

Fields remove all add all

Attachments

Drag and drop fields here to hide

+ Add a field to this table

Completed

People involved

+ Add

Submit

Create your own form with Airtable

 To Do List 3

HELP 🔎  SHARE 

Tasks People +

Form for Entering Tasks   ...

Fields remove all add all Show Airtable branding

Attachments 

Completed 

Drag and drop fields here to hide

Redirect to URL after the form is submitted

+ Add a field to this table

After the form is submitted:

Show this message

Thank you for submitting the form!

Show a "Submit another response" button

Show a new blank form after 5 seconds

Email me at bsysin@gmail.com

 To Do List • 0

HELP ? 3 🔍 🚫

Tasks People +

Form for Entering Tasks

Share form Open form ...

Fields remove all add all

Attachments

Completed

Drag and drop fields here to hide

+ Add a field to this table

This form is shared via a private link

People with the private link can only see the empty form. The title of this page is the view name, "Form for Entering Tasks".

<https://airtable.com/shr14nbfjH7MIJREg>

Restrict access with a password ⓘ
 Restrict access to an email domain ⓘ

Embed this form on your site

Disable shared view link

Show a "Submit another response" button (selected)

Show a new blank form after 5 seconds

Email me at bsysin@gmail.com

Form for Entering Tasks

Comments

Name

Date

Priority

0

[Bases](#)[Templates](#)[Universe](#)[HELP](#)

Templates

Use these starter bases to get a jump start on your project. For inspiration from community-published bases, check out Universe.

 Search templates

CATEGORIES

- Featured
- Content production
- Creative
- Event Planning
- Everyday Life
- Groups, Clubs & Hobbies
- HR & Recruiting

**Content calendar****Digital video production****Project Tracker****Marketing campaign tracking****Product catalog****Product Launch****Product Planning****Bug tracker****Event planning****User research****Simple Applicant Tracker**



Bases

Templates

Universe

HELP ?



Templates

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Search templates

CATEGORIES

- Featured
- Content production
- Creative
- Event Planning
- Everyday Life
- Groups, Clubs & Hobbies
- HR & Recruiting
- Legal
- Local Business
- Marketing

Event Planning →



Event planning

Even the most organized and experienced event planner can get overwhelmed by managing events....



Event marketing

Hosting events is one of the best ways to engage customers. Use this template to plan meetups, dinners, webinars, an...



Nonprofit Gala

Venues, schedules, speakers—there's a lot that goes in to pulling off a successful event. This template will he...

Everyday Life →



Restaurant Field Guide

For the foodie, an easy way to organize restaurants and reservations. List the



Pet Medical History

Whether you identify as a cat person, or a dog person, or a guinea pig or snake



Apartment Hunting

Where was that place? How much was it? Did it include parking? Pets? What's

Templates

Use these starter bases to get a jump start on your project. For inspiration from community-published bases, check out Universe.



Search templates

CATEGORIES

- Featured
- Content production
- Creative
- Event Planning
- Everyday Life
- Groups, Clubs & Hobbies
- HR & Recruiting
- Legal
- Local Business
- Marketing

Event planning

[Use template](#)

#EVENT PLANNING

Even the most organized and experienced event planner can get overwhelmed by managing events. Successful event planning requires juggling and coordinating many moving parts at a time—from securing the event locations to planning the budget to finalizing the speaker schedule. Most event management software, however, is too rigid to keep up with the fast-paced world of event management.

This event planning template helps you organize all of those important details in one place so you can ensure that everything runs according to plan, whether you're managing corporate events, large scale events like trade shows or conferences, special events like weddings or small-scale social events like family get-togethers. And by creating different views, everyone on your team, from the event manager to the catering manager to the audio-visual equipment team, can see exactly what matters to them, and ignore the rest.

All changes saved

Event planning

SCHEDULE Event locations Topics & themes Speakers & attendees Event staff Sponsors HELP ? 🔔 3 🚙 BLOCKS

Full schedule Hide fields Filter Group Sorted by 2 fields Color ...

	Activity	Start	End	Notes	Location	Speaker
1	Welcome breakfast	15/11/2019 8:00am	15/11/2019 9:00am		President's dining hall	
2	Opening remarks (Friday)	15/11/2019 9:00am	15/11/2019 9:25am	Katina is subbing in for Russell, because...	Grand ballroom	Katina F
3	Morning keynote (Friday)	15/11/2019 9:30am	15/11/2019 10:15am		Grand ballroom	Matthew
4	Technology in the household	15/11/2019 10:30am	15/11/2019 11:20am		Pearl room	Stephan
5	How to make all your devices play nice	15/11/2019 10:30am	15/11/2019 11:20am	This session will be led by Deepa	Ruby room	Deepa V
6	Building an alert system that works for everyone	15/11/2019 10:30am	15/11/2019 11:20am		Sapphire room	Clara R
7	Workshop for security professionals	15/11/2019 11:30am	15/11/2019 12:00pm		Jade room	Garnet room
8	Workshop for security novices	15/11/2019 11:30am	15/11/2019 12:00pm		Emerald room	
9	Lunch (Friday)	15/11/2019 12:15pm	15/11/2019 1:30pm	We'll have vegetarian and pescatarian f...	President's dining hall	
10	Security for all ages — babies, grandparents, and more!	15/11/2019 1:30pm	15/11/2019 2:20pm	Belinda's going to need a projector for ...	Jade room	Garnet room
11	Which security solution is best for you?	15/11/2019 1:30pm	15/11/2019 2:20pm		Emerald room	Stephan
12	Breakout session (Friday)	15/11/2019 2:30pm	15/11/2019 3:20pm	Make sure that post-its are available for...	Sapphire room	
13	Breakout presentation (Friday)	15/11/2019 3:30pm	15/11/2019 3:55pm		Ruby room	
14	Afternoon keynote (Friday)	15/11/2019 4:00pm	15/11/2019 4:50pm		Grand ballroom	Stephan
15	Closing remarks (Friday)	15/11/2019 5:00pm	15/11/2019 5:30pm		Grand ballroom	Katina F

29 records

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors [SHARE](#) [BLOCKS](#)

Find a view

✓ **Full schedule**

- Calendar**
- Friday schedule (11/15)**
- Saturday schedule (11/16)**

Add a view: Grid Form Calendar Gallery Kanban

	Color	Notes	Location	Speaker	
1			President's dining hall		
2		Katina is subbing in for Russell, because...	Grand ballroom	Katina F...	
3			Grand ballroom	Matthew...	
4			Pearl room	Stephan...	
5		This session will be led by Deepa	Ruby room	Deepa V...	
6			Sapphire room	Clara Ro...	
7			Jade room	Garnet roo...	
8	Workshop for security novices	15/11/2019 11:30am	15/11/2019 12:00pm	Emerald room	
9	Lunch (Friday)	15/11/2019 12:15pm	15/11/2019 1:30pm	We'll have vegetarian and pescatarian f...	President's dining hall
10	Security for all ages — babies, grandparents, and more!	15/11/2019 1:30pm	15/11/2019 2:20pm	Belinda's going to need a projector for ...	Jade room
11	Which security solution is best for you?	15/11/2019 1:30pm	15/11/2019 2:20pm		Emerald room
12	Breakout session (Friday)	15/11/2019 2:30pm	15/11/2019 3:20pm	Make sure that post-its are available for...	Sapphire room
13	Breakout presentation (Friday)	15/11/2019 3:30pm	15/11/2019 3:55pm		Ruby room
14	Afternoon keynote (Friday)	15/11/2019 4:00pm	15/11/2019 4:50pm		Grand ballroom
15	Closing remarks (Friday)	15/11/2019 5:00pm	15/11/2019 5:30pm		Katina F...

 03 Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors [SHARE](#) [BLOCKS](#)

Calendar Using "Start" field Filter Sort Color ...

Today < > November 2019 Month 2 week Week 3 day Day Find a record All records

Mon	Tue	Wed	Thu	Fri	Sat	Sun
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15 8 Welcome break... +15 more	16 8 Breakfast +12 more	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1

Welcome breakfast Nov 15 8:00am

Opening remarks (Friday) Nov 15 9:00am

Morning keynote (Friday) Nov 15 9:30am

Technology in the house... Nov 15 10:30am

How to make all your devi... Nov 15 10:30am

Building an alert system th... Nov 15 10:30am +

Workshop for security pro...

	Space name	Building location	Photo(s)	Description	Max capacity	Scheduled events
1	President's dining hall	28 Conference Hall Lane		Dining hall for meals and a large open space for mingling / general events	350	Happy hour & networking Lunch (Saturday) Welcome breakfast
2	Grand ballroom	20 Organization Way		Large ballroom that can seat up to 1000 people at max capacity; contains a large stage with professional audio and lighting set up	1000	Closing remarks (Saturday) Morning keynote (Saturday) Opening remarks (Saturday) Afternoon keynote (Friday) Morning keynote (Friday)
3	Pearl room	25 Conference Hall Lane		Conference room that can hold up to 250 people	250	The successes of home security technology Technology trends in the future
4	Ruby room	25 Conference Hall Lane		Conference room that can hold up to 100 people	100	Breakout presentation (Saturday) Breakout presentation (Sunday) Building a safer community How to make all your dreams come true
5	Sapphire room	25 Conference Hall Lane		Conference room that can hold up to 150 people	150	Breakout session (Saturday) Breakout session (Sunday) Building an alert system that works for everyone
6	Emerald room	12 Organization Way		Conference room with open air patio	400	Best practices for IoT protocols Which security solution is best
8 records						Sum 2950

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors

Find a view

- All spaces
- Spaces per building
- Location gallery

Add a view: Grid Form Calendar Gallery Kanban

Location gallery

Room	BUILDING LOCATION	MAX CAPACITY
Sapphire room	25 Conference Hall Lane	150
Emerald room	12 Organization Way	400
Garnet room	12 Organization Way	500
Ruby room	25 Conference Hall Lane	100
Jade room	12 Organization Way	200

+ Add new location

03 Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors SHARE BLOCKS

Location gallery Customize cards Filter Sort Color ...

President's dining hall	Grand ballroom	Pearl room	Ruby room
A BUILDING LOCATION 28 Conference Hall Lane MAX CAPACITY 350	A BUILDING LOCATION 20 Organization Way MAX CAPACITY 1000	A BUILDING LOCATION 25 Conference Hall Lane MAX CAPACITY 250	A BUILDING LOCATION 25 Conference Hall Lane MAX CAPACITY 100
			
Sapphire room	Emerald room	Garnet room	Jade room
A BUILDING LOCATION 25 Conference Hall Lane MAX CAPACITY 150	A BUILDING LOCATION 12 Organization Way MAX CAPACITY 400	A BUILDING LOCATION 12 Organization Way MAX CAPACITY 500	A BUILDING LOCATION 12 Organization Way MAX CAPACITY 200

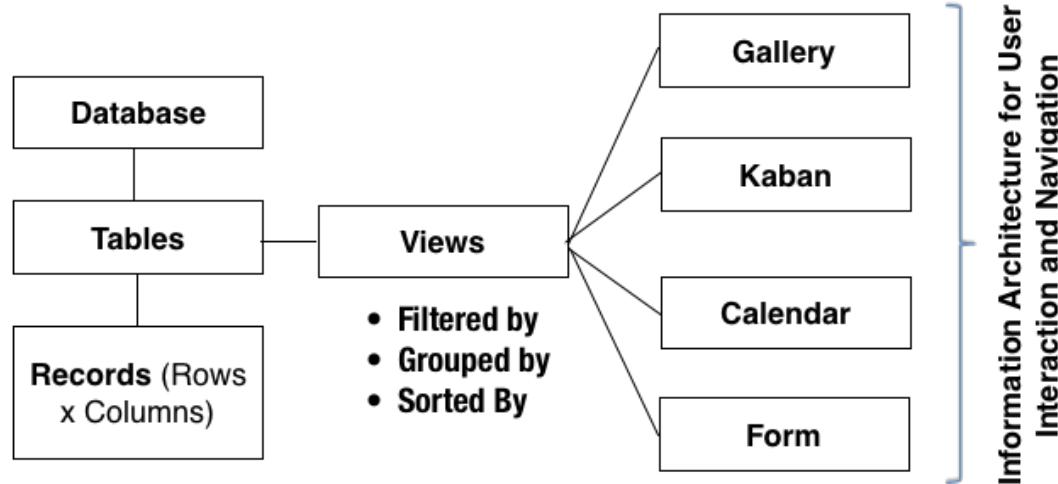
+

- 1. Sort** single or multiple fields.
- 2. Group** entries by a single field or multiple fields to create data segments.
- 3. Filter** entries by single or multiple fields as searching conditions.

Use sort, group, and filter to search for information in a table.

- 1. Grid**
- 2. Kanban**
- 3. Calendar**
- 4. Gallery**
- 5. Form**

Use views to present and capture data in a variety of way to suit different needs.



Advanced Fields

Formula Field

A formula field in Airtable is almost like a formula field in Excel but more restrictive. It can only be applied to the values in the same record (i.e. row).

Event planning

Budget

Item

Estimated Actual Quantity Total cost Total budget Under budget Notes

UNDER BUDGET

Count 5 Sum \$26,550.00 Sum \$26,551.50 Sum 17 Sum \$33,976.50 Sum \$35,000.00

1 Venue rental \$17,000.00 \$16,899.00 1 \$16,899.00 \$17,500.00 ✓

2 Labor (set up, during conference, take down) \$3,500.00 \$3,890.00 1 \$3,890.00 \$4,000.00 ✓

Food \$4,800.00 \$4,675.00 2 \$9,350.00 \$9,500.00 ✓

Speaker honoraria \$250.00 \$250.00 12 \$3,000.00 \$3,000.00 ✓

Miscellaneous supplies \$1,000.00 \$837.50 1 \$837.50 \$1,000.00 ✓

OVER BUDGET

Count 2 Sum \$20.25 Sum \$17.73 Sum 1500 Sum \$9,030.00 Sum \$8,800.00

6 Printed programs \$0.25 \$0.33 1000 \$330.00 \$300.00 ✗

Printing ended up being slightly more than anticipated due to our usage of color.

7 records Sum \$26,570.25 Sum \$26,569.23 Sum 1517 Sum \$43,006.50 Sum \$43,800.00

Event planning

BUDGET

Item	Estimated	Actual	Quantity	Total cost	Total budget	Under budget	Notes
UNDER BUDGET							
✓ Venue rental	\$17,000.00	\$16,899.00	1				
Labor (set up, during conference, take down)	\$3,500.00	\$3,890.00	1				
Food	\$4,800.00	\$4,675.00	2				
Speaker honoraria	\$250.00	\$250.00	12				
Miscellaneous supplies	\$1,000.00	\$837.50	1				
OVER BUDGET							
Printed programs	\$0.25	\$0.33	1000	\$330.00	\$300.00	✗	Printing ended up being slightly more than anticipated due to our usage of color.
7 records	Sum \$26,570.25	Sum \$26,569.23	Sum 1517	Sum \$43,006.50	Sum \$43,800.00		

Total cost

Formula

Compute a value in each record based on other fields in the same record. For more information on formulas and a complete function reference, see the [Formula Field Reference](#).

Formula Formatting

Actual * Quantity

Cancel Save

Event planning

BUDGET

Item	Estimated	Actual	Quantity	Total cost	Total budget	Under budget	Notes
UNDER BUDGET							
1 Venue rental	\$17,000.00	\$16,899.00	1	\$16,899.00	\$17,500.00		
2 Labor (set up, during conference, take down)	\$3,500.00	\$3,890.00	1	\$3,890.00	\$4,000.00		
3 Food	\$4,800.00	\$4,675.00	2	\$9,350.00	\$9,500.00		
4 Speaker honoraria	\$250.00	\$250.00	12	\$3,000.00	\$3,000.00		
5 Miscellaneous supplies	\$1,000.00	\$837.50	1	\$837.50	\$1,000.00		
OVER BUDGET							
6 Printed programs	\$0.25	\$0.33	1000	\$330.00	\$300.00	✗	Printing ended up being slightly more expensive than anticipated due to our usage of color.
7 records	Sum \$26,570.25	Sum \$26,569.23	Sum 1517	Sum \$43,006.50	Sum \$43,800.00		

Under budget

Formula

Compute a value in each record based on other fields in the same record. For more information on formulas and a complete function reference, see the [Formula Field Reference](#).

Formula **Formatting**

```
IF({Total cost} <= {Total budget},  
"✓","✗")
```

Cancel **Save**

Lookup Field

A lookup field is a foreign key field for looking up another field value through the linked table's primary key.

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors

All topics & themes

Topic / theme	Count
Welcome to HomeTech 2019!	1
How technology will shape home security	2
Building products for families	3
Home automation	4
Security smart hubs	5
Types of home security	6

Field 4

Venue

Find a field type

- Duration
- Rating
- Formula
- Rollup
- Count
- Lookup

Lookup

Lookup a field on linked records.

Cancel Save

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors

All topics & themes Hide fields Filter Group Sort Color ...

	Topic / theme	Count
1	Welcome to HomeTech 2019!	1
2	How technology will shape home security	2
3	Building products for families	3
4	Home automation	3
5	Security smart hubs	1
6	Types of home security	1

A Field 4

Venue

Lookup

Lookup a field on linked records.

Configuration Formatting

Field on this table that links to the records you want to look up

Relevant event(s)

Find a field

Relevant event(s)

Cancel Save

Topic / theme

it(s)

Topic / theme

(Friday)

Topic / theme

(Saturday) Morning keynote (Friday)

Topic / theme

SecurTech Security for all ages — babies, grandparents, and more!

Topic / theme

IoT protocols Afternoon keynote (Friday)

Topic / theme

system that works for everyone

Topic / theme

solution is best for you?

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors

All topics & themes Hide fields Filter Group Sort Color ...

	Topic / theme	Count	Field 4
1	Welcome to HomeTech 2019!	1	
2	How technology will shape home security	2	
3	Building products for families	3	
4	Home automation	3	
5	Security smart hubs	1	
6	Types of home security	1	

Venue

Find a field

A Activity

Start

Type

Speaker(s)

Topic / theme

Location

Choose a field

Cancel Save

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors

All topics & themes Hide fields Filter Group Sort Color ...

	Topic / theme	Count	Field 4
1	Welcome to HomeTech 2019!	1	Venue
2	How technology will shape home security	2	Lookup
3	Building products for families	3	Field on this table that links to the records you want to look up
4	Home automation	3	Relevant event(s)
5	Security smart hubs	1	Schedule table field that you'd like to look up
	Types of home security	1	Location

Venue

Lookup

Lookup a field on linked records.

Configuration Formatting

Field on this table that links to the records you want to look up

Relevant event(s)

Schedule table field that you'd like to look up

Location

Cancel Save

All changes saved

Event planning

SCHEDULE | EVENT LOCATIONS | TOPICS & THEMES | SPEAKERS & ATTENDEES | EVENT STAFF | SPONSORS | BIDS | + | SHARE | @ | BLOCKS

All topics & themes

Hide fields | Filter | Group | Sort | Color | Count | Venue | + | ...

Topic / theme	Relevant event(s)	Count	Venue
Welcome to HomeTech 2019!	Opening remarks (Friday)	1	Grand ballroom
How technology will shape home security	Afternoon keynote (Saturday) Morning keynote (Friday)	2	Grand ballroom Grand ballroom
Building products for families	Case study: Home SecurTech Security for all ages — babies, grandparents, and more! Technology in the household	3	Jade room Garnet room Jade room
Home automation	Best practices for IoT protocols Afternoon keynote (Friday) How to make all your devices play nice	3	Emerald room Grand ballroom Ruby room
Security smart hubs	Building an alert system that works for everyone	1	Sapphire room
Field updated UNDO	Which security solution is best for you?	1	Emerald room

Rollup Field

A rollup field is like a supercharged lookup field which can perform aggregated functions on the looked up values.

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors

Main View 2 hidden fields Filter Group Sort Color Notes

	Company	Amount	Previous sponsor	Notes
1	SimplySafe			
2	Wintel Corp	\$1,500.00		
3	Families for a Safer Home	\$4,000.00	♥	Sponsored last year and committed more resources and \$\$\$ for this year's conference
4	National Association of Neighborhood Associations	\$2,500.00	♥	
5	E-Z Safe-T	\$2,000.00		
6	PorchCam	\$7,500.00	♥	Primary organizer of the conference
7	Home SecurTech	\$5,000.00	♥	
8	Playpen.io	\$1,000.00		
9	Absolute Electric	\$1,000.00		Heard about us from our press coverage last week

of Contacts

Find a field type

% Percent

⌚ Duration

★ Rating

ƒ Formula

🕒 Rollup

≡ Count

Rollup
A rollup allows you to summarize data from records that are linked to this table.

Cancel Save

Event planning

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9	Absolute Electric	\$1,000.00		Heard about us from our press coverage last

of Contacts

Rollup

A rollup allows you to summarize data from records that are linked to this table. For more information on rollups and a complete function reference, see the Rollup Field Reference.

Rollup Formatting

Field on this table that links to the records you want to summarize

Contact(s)

Cancel Save

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors

Main View 2 hidden fields Filter Group Sort Color ...

	A Company	d amount	Previous sponsor	Notes
1	SimplySafe			
2	Wintel Corp	\$1,500.00		
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8	Playpen.io	\$1,000.00		
9	Absolute Electric	\$1,000.00		Heard about us from our press coverage last

of Contacts
Find a field
A Name
Speaking at
A Role
Email
Type
Status
Choose a field

Cancel Save

Event planning

Main View | 2 hidden fields | Filter | Group | Sort | Color | ... | # of Contacts | + | # of Contacts | Rollup | # of Contacts | Rollup | # of Contacts | COUNTA(values) | COUNTA(values) | COUNTA(values)

Company	Amount	Previous sponsor	Notes	# of Contacts
SimplySafe				
Wintel Corp	\$1,500.00			
Families for a Safer Home	\$4,000.00	♥	Sponsored last year and committed more resources and \$\$\$ for this year's conference	
National Association of Neighborhood Associations	\$2,500.00	♥		
E-Z Safe-T	\$2,000.00			
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Home SecurTech	\$5,000.00	♥		
Playpen.io	\$1,000.00			
Absolute Electric	\$1,000.00		Heard about us from our press coverage last	

of Contacts

A rollup allows you to summarize data from records that are linked to this table. For more information on rollups and a complete function reference, see the Rollup Field Reference.

Rollup

Field on this table that links to the records you want to summarize

Contact(s)

Enter an aggregation function which rolls up the values in each linked record

COUNTA(values)

Counts the number of non-empty values. This function counts both numeric and text values

INSERT A ROLLUP FUNCTION

COUNTA(values)

Event planning

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors

Main View 2 hidden fields Filter Group Sort Color ...

	Company	Amount	Previous sponsor	Notes	# of Contacts	
1	SimplySafe				0	
2	Wintel Corp	\$1,500.00			3	
3	Families for a Safer Home	\$4,000.00	♥	Sponsored last year and committed more resources and \$\$\$ for this year's conference	3	
4	National Association of Neighborhood Associations	\$2,500.00	♥		2	
5	E-Z Safe-T	\$2,000.00			3	
6	PorchCam	\$7,500.00	♥	Primary organization that's organizing this conference	2	
7	Home SecurTech	\$5,000.00	♥		3	
8	Playpen.io	\$1,000.00			2	
9	Absolute Electric	\$1,000.00		Heard about us from our press coverage last year	2	

 Event planning

HELP ? 🔔 3 🚙

Schedule Event locations Topics & themes Speakers & attendees Event staff Sponsors Block + SHARE ⏱ BLOCKS

Grouped by company 3 hidden fields Filter Grouped by 1 field Sorted by 1 field Color ...

Name Role Email Phone Type Speaker ... Attendee ... +

+ COMPANY Wintel Corp Count 3

					Sum 1	Sum 2
18	Gabriella Lily	Team manager	gabriella@email.com	(123) 456-7890	Speaker	1 0
19	Kelly Sall	Product	kelly@email.com	(123) 456-7890	Attendee	0 1
20	Leslie Walker	Marketing associate	leslie@email.com	(123) 456-7890	Attendee	0 1

+ COMPANY Wintel Corp Count 3

From journey mapping to data mapping: Turn story into system, UX journey into data collection and tracking.

The data lives on the cloud hosted in a system which handles the integration of client (view**), server (**controller**) and database (**model**) components.**

Problem Set #2

- Import the CSV data scraped or cleaned from previous assignment into Airtable.
- Create aggregate (roll-up) view and export the result to datawrapper.de website for chart generation and embedded display in web page.
- Submit the embedded results, both detail and roll-up views and chart, to Github as a web page similar to the demonstration shown in class.

VISUAL DIAGRAMMING TOOLS

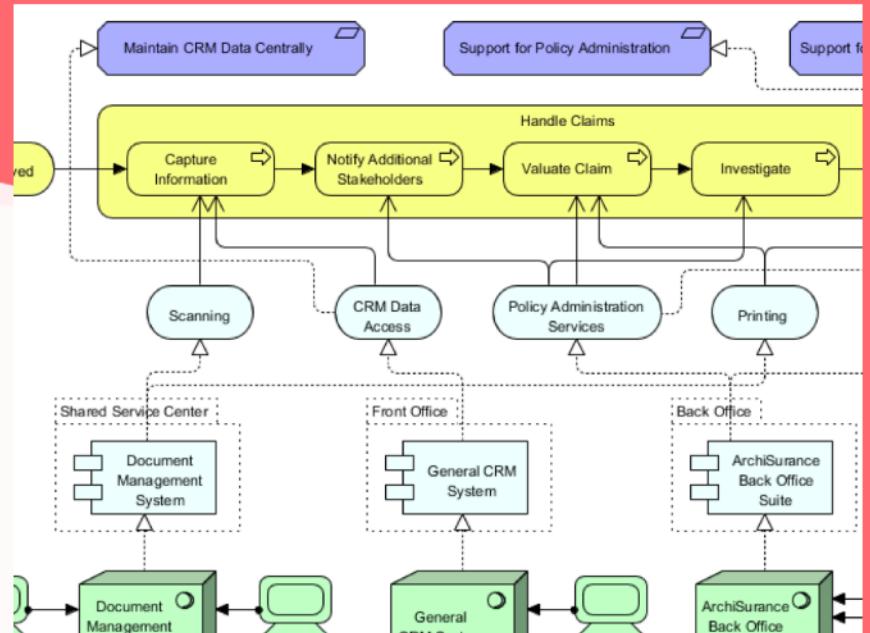
Final Project Proposal (Requirement Document)

- Pick a topic of interest to you (KPop, Mystery and Suspense Novel, Museums, Pets, Tea Shops, Restaurants, etc.) and write a one page proposal of a problem (including **problem statement** and **pain points**) to be addressed by building a web application.
- Support your write-up with a customer **journey map**, a **data flow diagram**, key **data views** and an **entity-relationship diagram** which can support the display of the views.
- Due two weeks from today (**Oct 5th**).
- The proposal will take up **10%** of the total project points.

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Anna

Elena

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Onboarding	Discover business cooperation	Apply for the business cooperation		Confirm the business cooperation
user login or registration	check out business cooperation on the platform	upload social accounts information	wait for the verification of the platform	submit the draft and all links to brands
As a KOL, I need to login through other social accounts	As a KOL, I need to know the brand name and prices	As a KOL, I need to identify my user profile	As a KOL, I need to manage application procedure	As a KOL, I need to
As a KOL, I need to login through email	As a KOL, I need to know the requirements	As a KOL, I need to present my profiles to brands		



dfd01.drawio

File Edit View Arrange Extras Help All changes saved



100%

iOS Icons

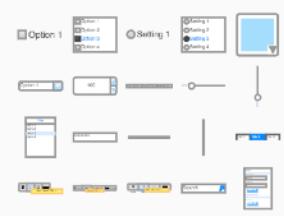
iOS UI

iOS6

Mockup Buttons

Mockup Containers

Mockup Forms



Mockup Graphics



+ More Shapes...

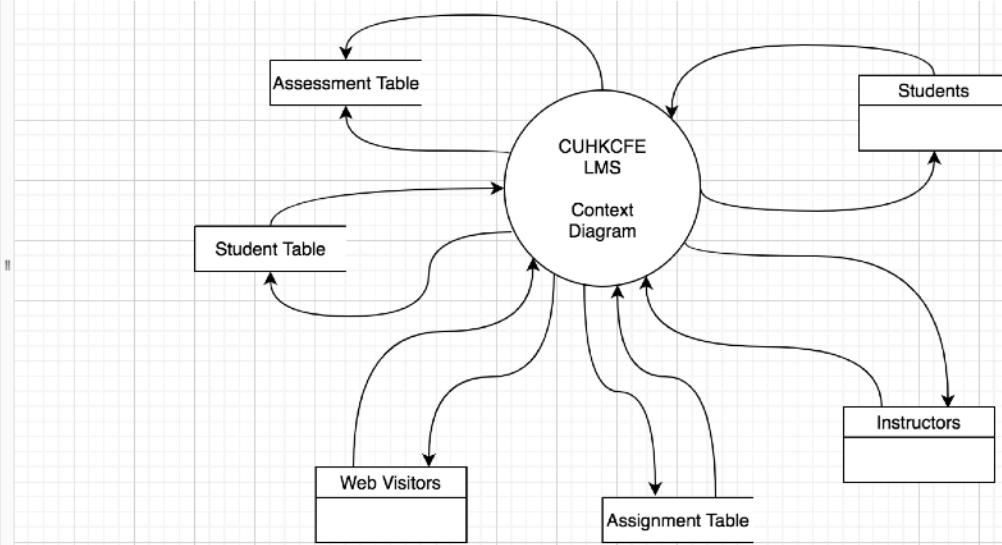


Diagram Style

View

 Grid Page View Background Shadow

Options

 Connection Arrows Connection Points Guides Autosave

Paper Size

A4 (210 mm x 297 mm)

 Portrait Landscape

Edit Data

Clear Default Style

Page-1

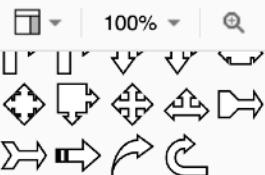
+



dfd02.drawio

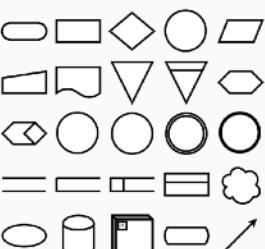
File Edit View Arrange Extras Help All changes saved

Share



Flowchart

Data Flow Diagram



Entity Relation

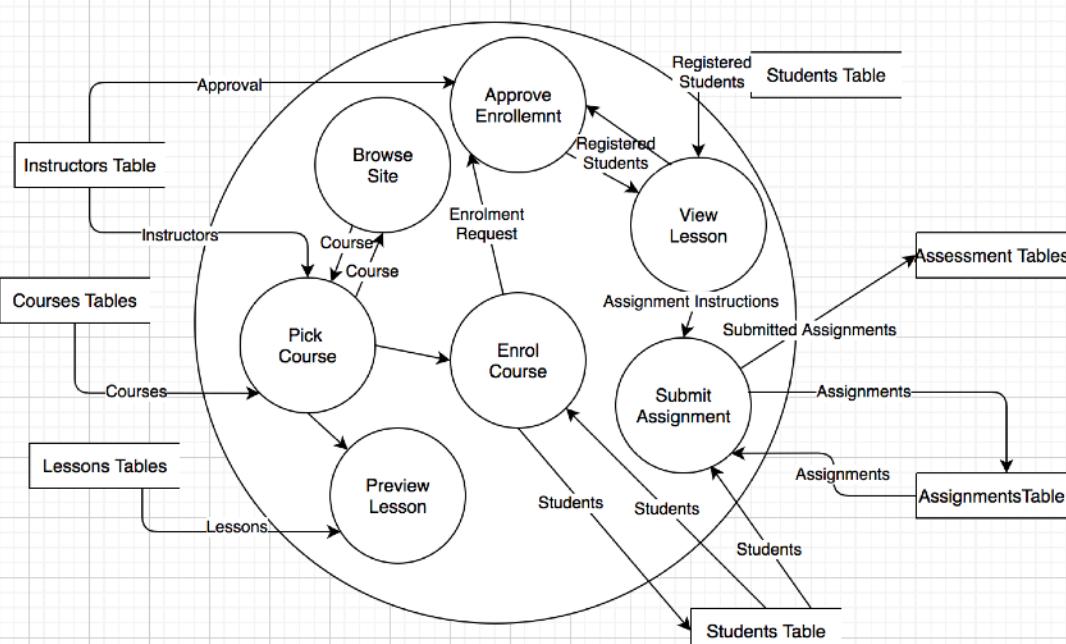
UML

BPMN General

BPMN Gateways

BPMN Events

+ More Shapes...



Diagram

View

- Grid
- Page View
- Background
- Image
- Shadow

Style

Options

- Connection Arrows
- Connection Points
- Guides
- Autosave

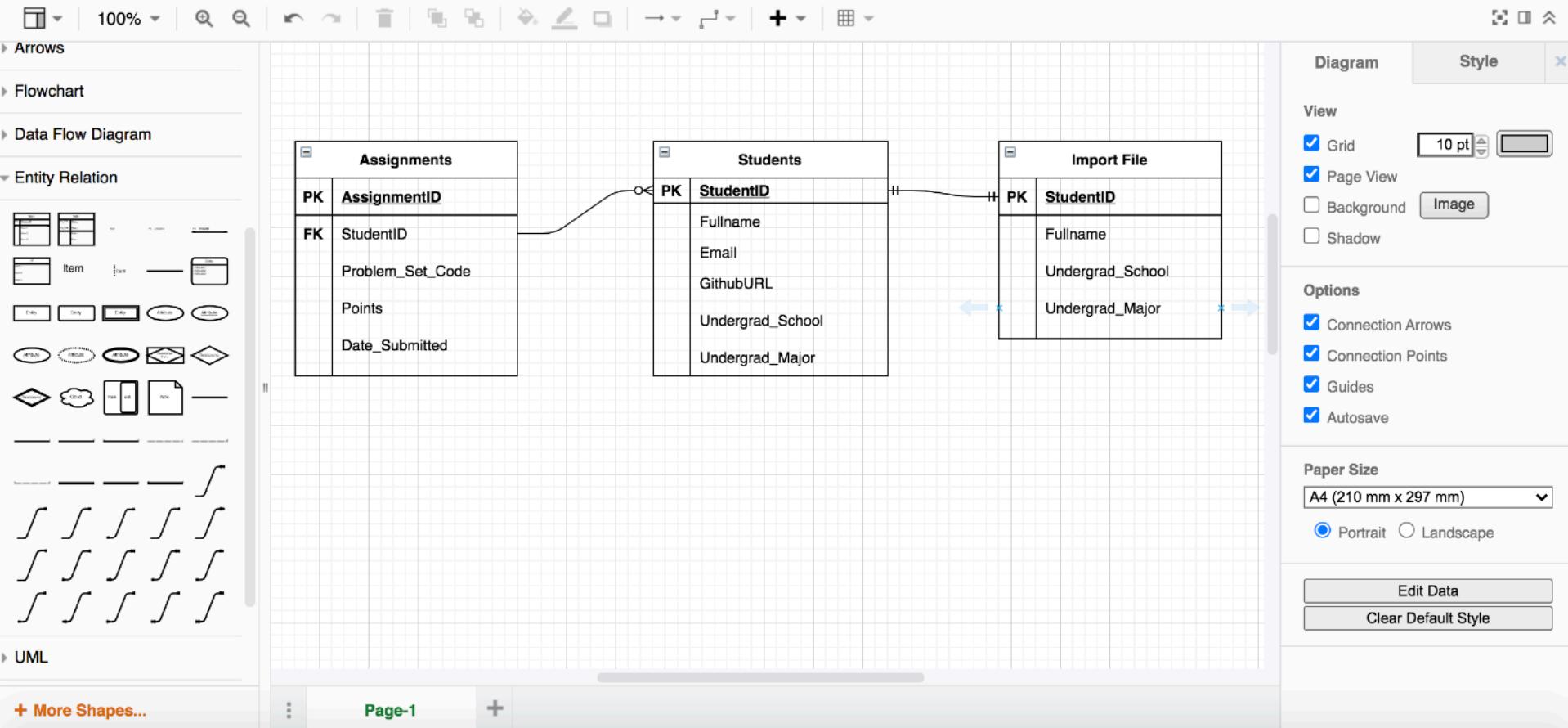
Paper Size

A4 (210 mm x 297 mm)

Portrait Landscape

Edit Data

Clear Default Style



Examples from Previous Students

1. <https://jianxiangsun.github.io/> (**Museum Finder**)
2. <https://jasmine1022.github.io/SeoulConcertMap/> (**KPop Concert Tour Planner**)
3. https://halliez.github.io/2019-COMM5961/Final_Project/index.html (**Japanese Suspense and Mystery Novel Guide**)
4. <https://juieyxyx.github.io/> (**Restaurant Guide**)
5. https://realllkori.github.io/dog_final/index.html (**Dog for Pet Selection Guide**)
6. <https://gracege29.github.io/exercise/BTA/home.html> (**Introductory Guide to Tea Shops**)

Thank you for your time!