**So you want to be a data analyst?**

**Job and salary trends in data-related careers**

1. Where should I work if I want a data job?

Heatmap with data jobs across the world (new library!)

But if I want to stay in the Uk…

1. How much can I expect to earn?

Bar chart with median/average salary by experience-level and job title

1. What size companies hire more entry level analysts?

Pie chart

1. Are the number of jobs available increasing or decreasing?

Line chart (trend) – maybe add interactive option

Method:

* Get the API data (flask - use jsonify if needed)
* Clean dataset (Python/pandas/numpy)
  + Get rid of duplicates
  + Create 2 df (world data and UK data)
* Create ERD + save data it to a database (sqlite)
* Visualisations (javascript/plotly/html/css)

[include javascript/python library we have not used in class]

* Deploy to github pages

Other tasks:

* Readme
* Presentation slides
* Write up

**Set up and execution:**

1. Get the data:

* Install Kaggle on your terminal. Run `pip install Kaggle` in your terminal
* Go to kaggle’s webpage, create an account, go to account settings and create a new Token. You will get a json file. Save it in users/<yourusername>/.kaggle
* In the terminal run `kaggle datasets download -d hummaamqaasim/jobs-in-data`.