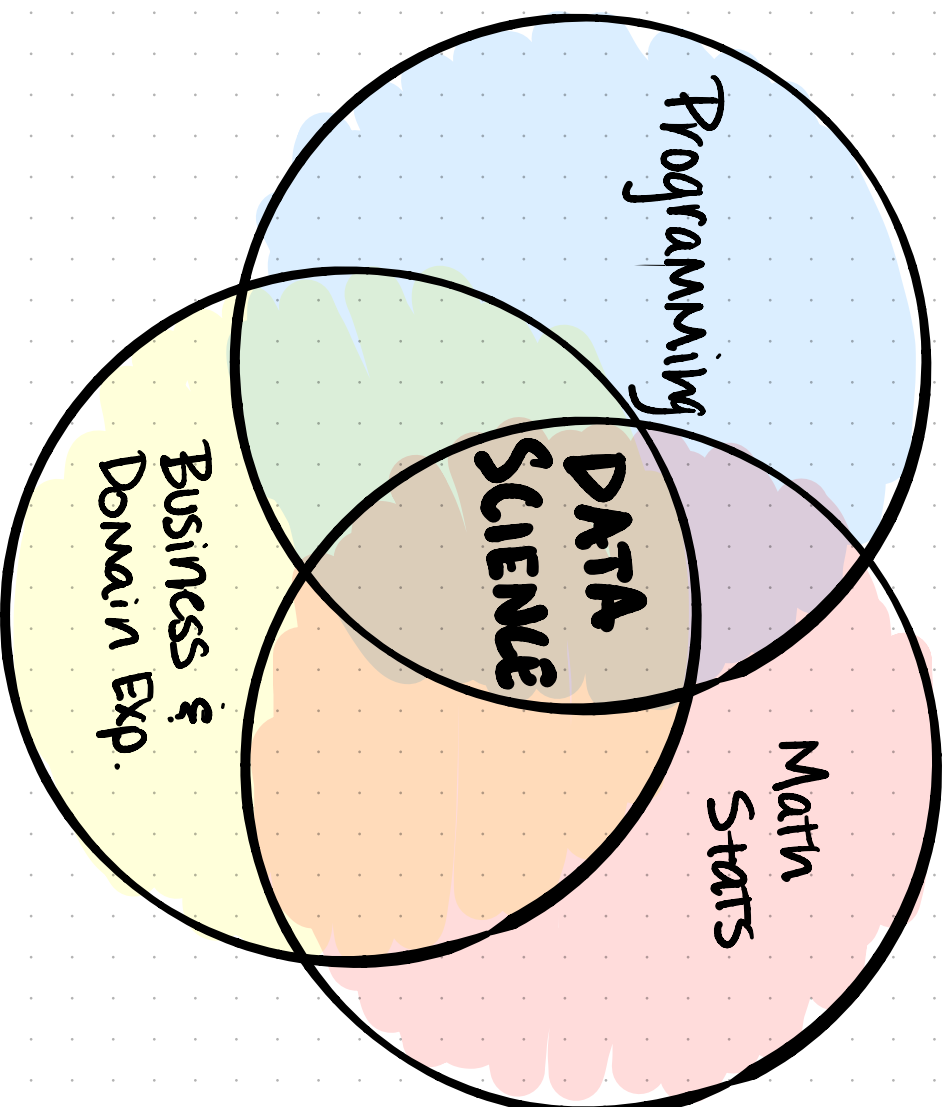
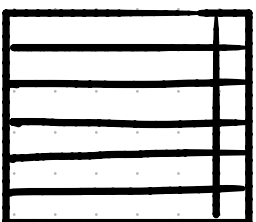
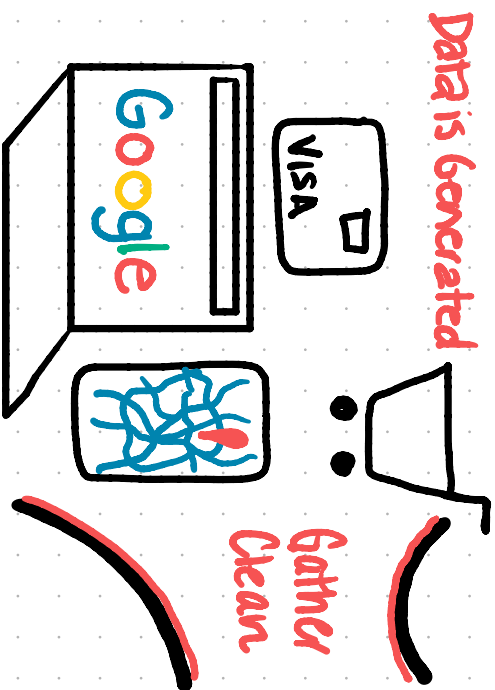
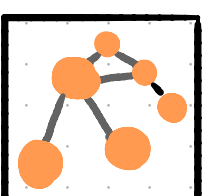


# What is Data Science?





Explore  
Analyze



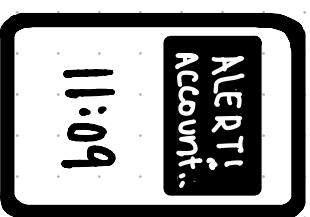
Predict

Report  
Recommend

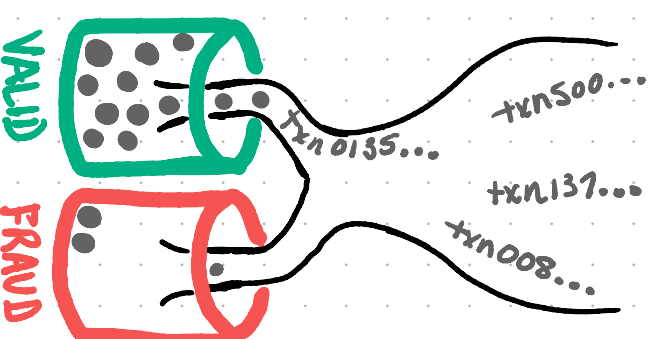


# What is Data Science?

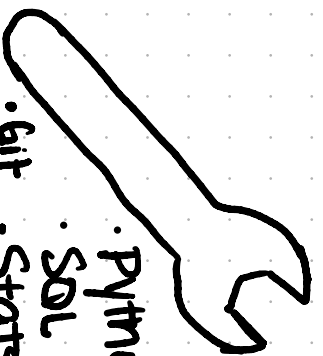
detecting credit card fraud



Enable Action



# Learning Data Science



- Python
- SQL
- Git
- Stats
- Interview Skills
- Storytelling with Data
- Collaborating
- Presentation skills

Customer  
Likely to  
leave?  
Is it Fraud?

## CLASSIFICATION

How much  
Staff will we  
need?  
Potential LTV  
of customer

## REGRESSION

Projected  
Revenue  
Stock Market

## TIME SERIES ANALYSIS

Similar Purch.  
behavior.  
Likes Similar  
Music?

## CLUSTERING

Major Info.  
see breach  
Anomalous  
Weather  
Events

## ANOMALY DETECTION

Twitter Acc.  
bot or not?  
Customer  
Reviews  
Spam

## NATURAL LANGUAGE PROCESSING

Internal Net-  
work logs  
Web traffic

## BIG DATA SPARK

Image Recog.  
Detect Tumors

## NEURAL NETWORKS DEEP LEARNING

end with the... **FINAL CAPSTONE**