

Types of Data in ML

▼ Structured Data

▼ Excel or CSV

Rows

Columns

ID	Weight	Sex	Blood Pressure	Chest pain	Heart disease?
4528	110kg	M	120/80	4	Yes
5681	64kg	F	130/90	1	No
7911	81kg	M	130/80	0	No

Table 1.0: Patient records



- Static Data: Most of the work we do on static data

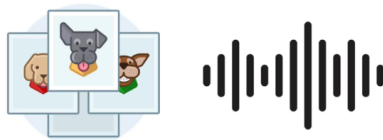


- Dynamic Data: Predict Stock price based on streaming Data



▼ Unstructured Data

▼ Audio/Video/Image/Email

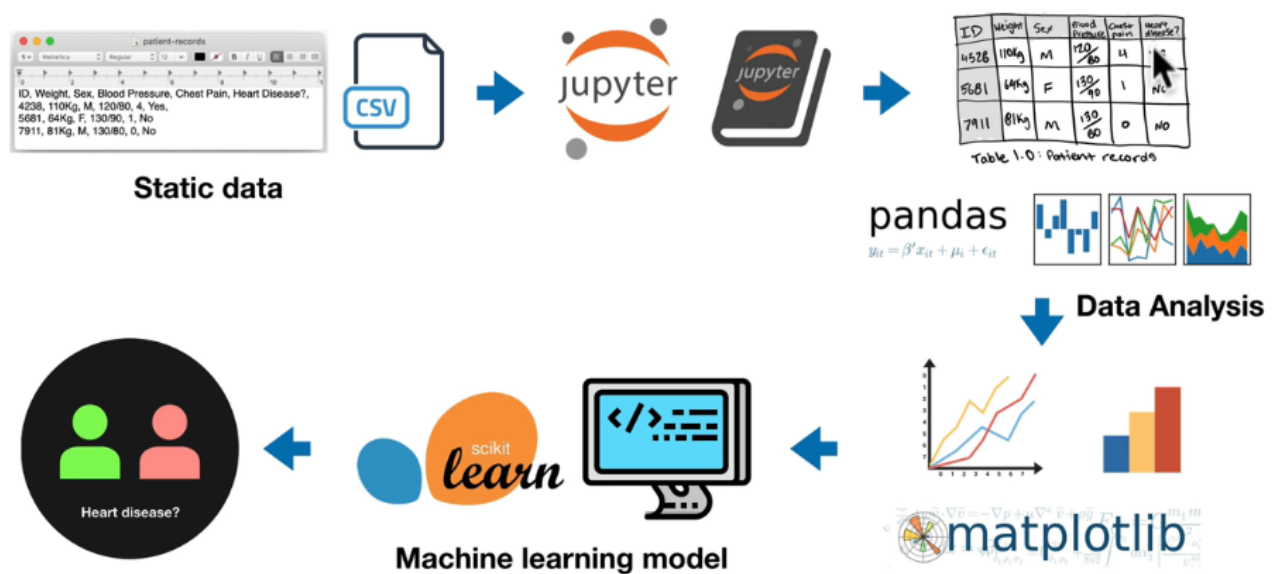


From: daniel@mrdbourne.com
Hey Daniel,

First of all, thank you for being so amazing.
This machine learning course is incredible.
Thank you for keeping it simple!

- Static Data
- Dynamic Data

▼ Data Science Workflow



- opening a csv file and importing to a Jupyter notebook
- Exploring data and performing data analysis using Pandas
- Making Visualisation using Grass
- Taking Data Points using matplotlib
- Then building ML model using scikit to predict