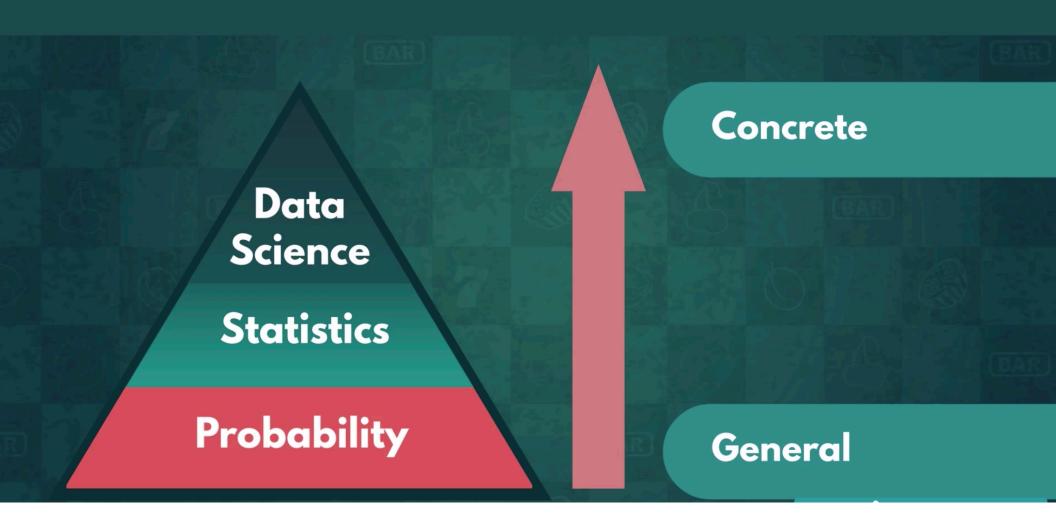
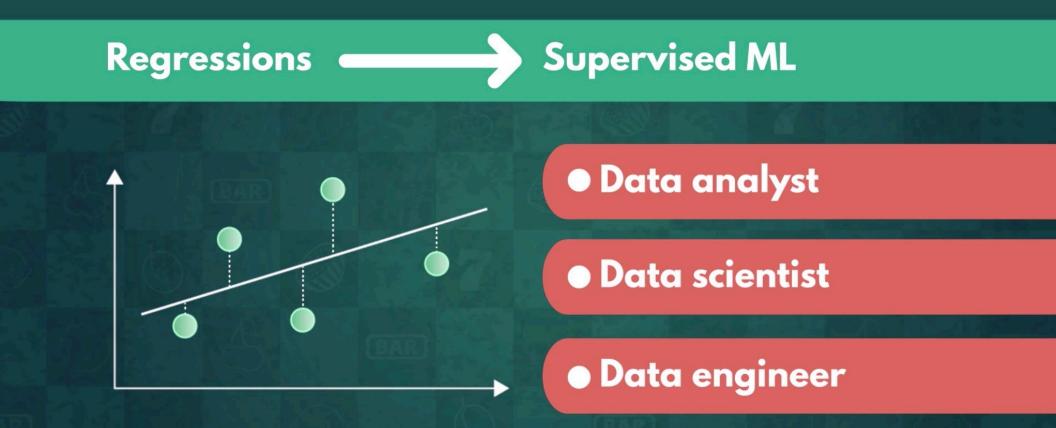
Data Science



1.60

Data Science



Data Analysis

Analyse past data

Find insight



Make reasonable predictions

Mathematical Modelling

We run artificial simulations to see how well our predictions match up to various possible future outcomes





We generate artificial data to test the predictive power of our mathematical models



Follows restrictions

$$P(x) = 0.4$$

40%

of the data must match
the outcome
365√DataScience

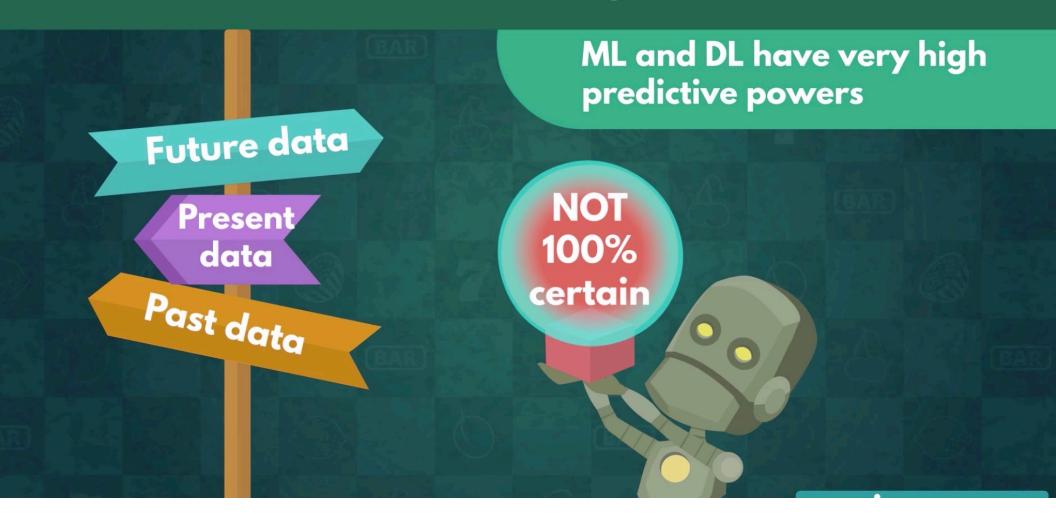
Expected Values

An extremely fast paced trial-and-error process

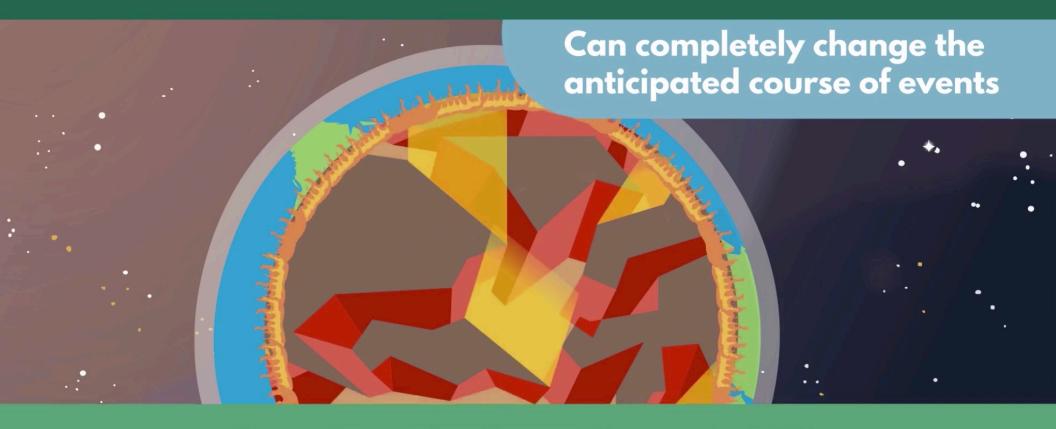
The more predictions it makes, the more precise they become



Forcasting



Forcasting



=> Even data scientists assign probabilities
to their predictions
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Summary

Fullscreen

Data science:

An expansion of probability, statistics, and programming that implements computational technology to solve more advanced questions

certain

it is fundamental to understand PROBABILITY