Steps in the Data Science Process

After this video you will be able to...

Identify the steps in the data science process

Understand what each step involves

ACQUIRE PREPARE ANALYZE REPORT ACT

Step 1: Acquire Data



Identify data sets

Retrieve data

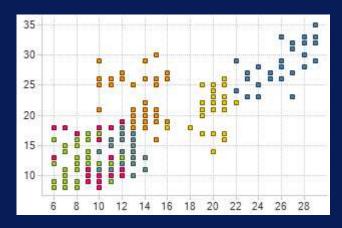
Query data

Step 2: Prepare Data

Step 2-A: Explore

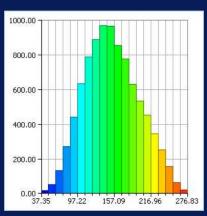
Step 2-B: Pre-process

Step 2-A: Explore Data

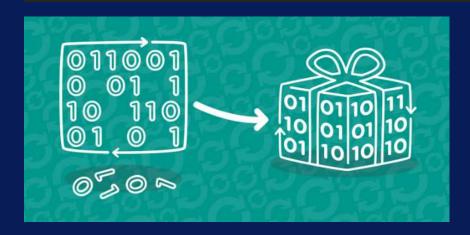


Preliminary analysis

Understand nature of data



Step 2-B: Pre-process Data



Clean

Integrate

Package

Step 3: Analyze Data



Select analytical techniques

Build models

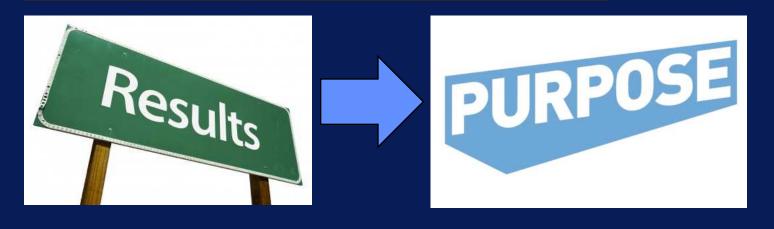
Step 4: Communicate Results



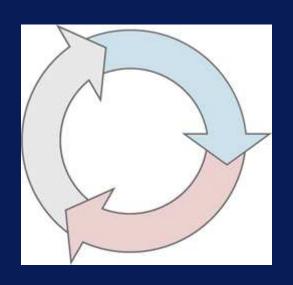


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Step 5: Apply Results



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Iterative process