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

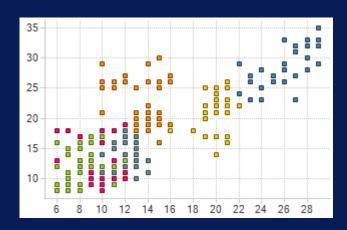
Query data

Step 2: Prepare Data

Step 2-A: Explore

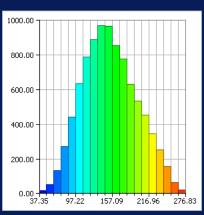
Step 2-B: Pre-process

Step 2-A: Explore Data

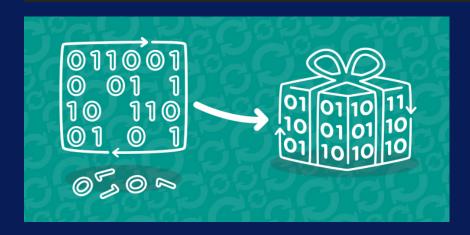


Preliminary analysis

Understand nature of data



Step 2-B: Pre-process Data



Clean

Integrate

Package

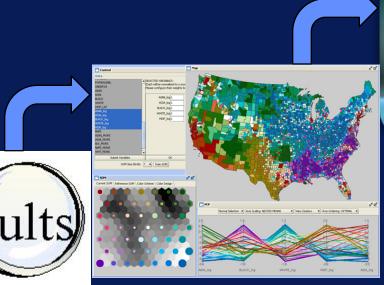
Step 3: Analyze Data



Select analytical techniques

Build models

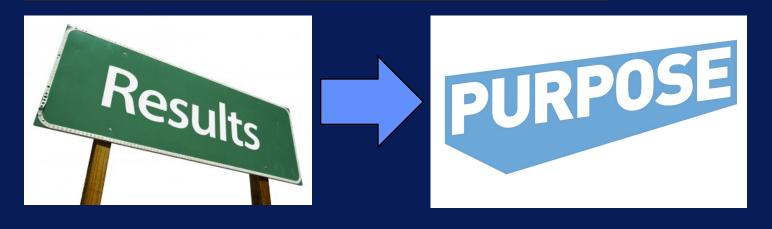
Step 4: Communicate Results



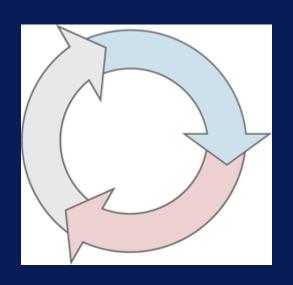


ACQUIRE PREPARE ANALYZE REPORT ACT

Step 5: Apply Results



ACQUIRE PREPARE ANALYZE REPORT ACT



Iterative process