Steps in the Data Science Process

ACQUIRE PREPARE ANALYZE REPORT ACT

ACQUIRE **PREPARE** ANALYZE REPORT ACT
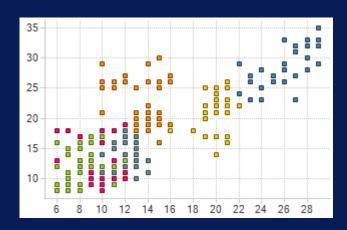
Step 3: Prepare Data

Step 2-A: Explore
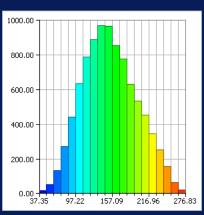
Step 2-B: Pre-process

ACQUIRE **PREPARE** ANALYZE REPORT ACT

Step 2-A: Explore Data

Understand nature of data
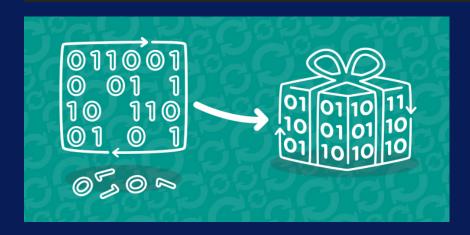
Preliminary analysis

Step 3: Analyze Data

predictive modeling solutions

Image courtesy of KromKrathog / FreeDigitalPhotos.net
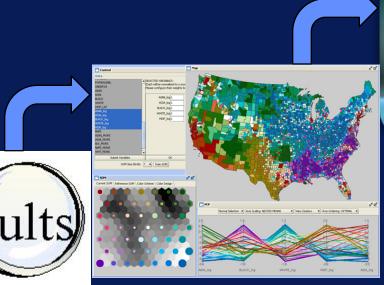
Select analytical techniques

Build models

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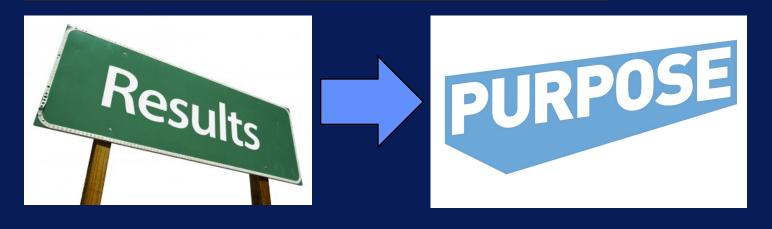
Step 4: Communicate Results
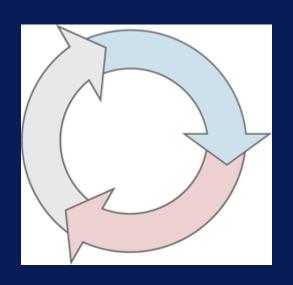
Step 5: Apply Results

ACQUIRE ▶ PREPARE ▶ ANALYZE ▶ REPORT ▶ ACT

Iterative process