Chapter 10

# Applying the Concepts: StatCrunch Instructions

## Detect Anomalies

1. Open StatCrunch with a new, blank spreadsheet
2. Enter the data into the var1 column
3. Stat → Summary Stats → Columns
4. In Select columns, → var1
5. Statistics→ Mean, Std. Dev.
6. Click Compute!

Find the standardized scores

1. Data → Compute → Expression
2. In the Expression window, enter the following formula:

*(var1-mean(var1))/std(var1)*

1. In the Column label window, type “Standardized scores”
2. Click Compute!

## Recognize Unsupervised Learning

No tools are used in this Activity.

## Calculate Similarity Using Distance

StatCrunch functionality projected for 2025.

## Choose Variables for Clustering

No tools are used in this Activity.

## Compare Cluster Analysis Results

StatCrunch functionality projected for 2025.

## Examine the Elbow of a Cluster Analysis

StatCrunch functionality projected for 2025.