Topics Covered

- Introduction to Table Insights & how they work

- Data requirements for table setup

- Information provided by Table Insights

- Custom Table Insights configuration options

Learning Outcomes

You will:

- Use Table Insights to uncover unexpected groupings in your organization's data, such as high attrition rates or areas of gender imbalance

- Grasp the statistical concepts, such as proportional rates, p-values, & the one proportion z-test, to interpret & leverage the insights effectively

- Set up & customize Table Insights in One Model, including adjusting settings for p-values & highlighting, to tailor the analysis to your specific needs

Introduction & Methodology

Methodology

- Highlights groupings where **proportional rates** differ from the **overall rate**

- Compares the rate & **population size** for each **grouping** to the overall rate & population size & assigning a **p-value** to each grouping

  - Groupings: created by breaking out the population metric by at least 1 dimension
  - Proportional rate: subset of a population is divided by the entire population
  - Overall rate: average rate for the entire population
  - Population size: number of instances in the grouping or overall population; also the denominator of the rate metric
  - P-value: expressed as numbers 0-1; measures the probability that the differences between each group & the entire population is due to chance or something else

- Leverages the one proportion z-test

Using Table Insights

- Factors in both rate & population size & applies greater weighting to larger populations

- Do **not** provide statements of statistical significance
  - Highlight groupings that differ from others & the overall average
    - Investigate further with a predictive model
    - Conduct targeted exploratory data analysis & variable analysis

- Applicable in many areas:
  - Data-driven starting point to uncover areas of bias or unequal opportunity
  - Identify drivers behind unexpected rates to implement targeted interventions
  - Enable early detection of potential issues

Data Requirements & Table Set Up

Information Provided from Table Insights

Custom Configuration Options

OneModel Academy

Thanks for watching!

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