**Exercise: Select Data Type**

Download the provided data csv file. Select 5 variables (columns of data) and use the scale of measurement from Stevens to determine whether the particular variable is categorical (also called nominal), ordinal, or quantitative (interval or ratio data). Next determine whether that column would be defined as a dimension or a measure.

Variable Name Stevens’s Data Type Dimension & Measure Data Type

(e.g., ‘Job Role’) (categorical, ordinal, quantitative)

Variable : Data Type: Dimension or Measure:

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Are there any similarities you notice between Stevens’s data types and the use of dimension and measures? If so, what are these?

**About the dataset:**

The dataset is a fictional dataset created by IBM data scientists and provided on the Kaggle website: https://www.kaggle.com/pavansubhasht/ibm-hr-analytics-attrition-dataset

Note that the following scales are used for the numbers provided in the dataset file:

Education 1 'Below College' 2 'College' 3 'Bachelor' 4 'Master' 5 'Doctor'

Environment Satisfaction 1 'Low' 2 'Medium' 3 'High' 4 'Very High'

Job Involvement 1 'Low' 2 'Medium' 3 'High' 4 'Very High'

Job Satisfaction 1 'Low' 2 'Medium' 3 'High' 4 'Very High'

Performance Rating 1 'Low' 2 'Good' 3 'Excellent' 4 'Outstanding'

Relationship Satisfaction 1 'Low' 2 'Medium' 3 'High' 4 'Very High'

Work Life Balance 1 'Bad' 2 'Good' 3 'Better' 4 'Best'