

FOUNDATIONS OF STATISTICS – Week 2 Tutorial

Familiarity with SPSS

Learning Objectives

- ❖ Be able to identify Categorical and Metric variables
 - ❖ Be able to use SPSS to produce and interpret summary outputs for both Categorical and Metric Data
 - ❖ Be able to manipulate graphical information using SPSS
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Open **Fruit_Veg_&_Exercise_Data.sav** and identify how each of the following variables are measured:

Variable Name	Categorical or Metric?
Age	
Gender	
BMI	
Height	
Waist	
Diet	
Fruit Consumption	
BMI Range	
Fruit & Veg Combined	
Chronic Risk	

1. Using the ***Frequencies*** Procedure, and the variable ‘BMI_Range’, produce a Frequency Table and Bar Chart
 - Run the analysis again, but this time requesting a Pie Chart
 - Discuss which graph is easier to interpret
2. Using the ***Explore*** Procedure, and the variable ‘Fruit_Veg_Combined’, produce the summary statistics to describe this variable