Univariate Data Understanding Checklist

# Where am I going? Where am I now? What strategies can help me go to where I need to go?

DESCRIBING MOTION

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|  | **RED -** I don’t get it. I need some help understanding |
| **YELLOW –** I think I understand but I need a little support to clarify my understanding |
| **GREEN –** I understand and can move on with learning |

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| **Key Knowledge Outcome** | **Pick your colour** | **Describe your level of understanding.** | **Actions** |
| describe types of data, categorical (nominal and ordinal) and numerical (discrete and continuous) |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| Use stem plots to display and describe data distributions |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| Use dot plots, frequency tables, histograms and bar charts to display and describe data distributions |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| Use and interpret log (base 10) scale |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| Determine mean x and standard deviation |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| Determine the five number summary of a set of data and the present of possible outliers |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| Produce and interpret boxplots |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| 68-95-99.7% rule |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| Z-scores |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |
| Use technology to determine mean, standard deviation and the five-number summary |  | Rate your confidence;  5 4 3 2 1 | What do you need to do? |

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HUMAN END