**Complete a STATISTICAL INVESTIGATION**

Which is a better predictor of weight? Is it height or neck circumference?

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| Weight | Neck Circumference | Height |
| 76kg | 36cm | 1.72m |
| 82kg | 37cm | 1.84m |
| 59kg | 32cm | 1.61m |
| 61kg | 34cm | 1.68m |
| 109kg | 37cm | 1.93m |
| 78kg | 36cm | 1.66m |
| 63kg | 25cm | 1.57m |
| 101kg | 38cm | 1.83m |
| 93kg | 37cm | 1.27m |
| 78kg | 44cm | 1.8m |
| 85kg | 36cm | 1.78m |
| 49kg | 30cm | 1.69m |
| 84kg | 36cm | 1.97m |
| 77kg | 33cm | 1.65m |
| 69kg | 33cm | 1.43m |
| 80kg | 34cm | 1.61m |
| 93kg | 36cm | 1.72m |
| 97kg | 35cm | 1.88m |
| 84kg | 39cm | 1.99m |
| 91kg | 35cm | 1.79m |
| 71kg | 32cm | 1.82m |
| 67kg | 33cm | 1.98m |

Complete a statistical investigation to determine which is the better predictor of weight, either neck circumference or height. Discuss the trend, form and strength of data in your investigation. You will need to complete an introduction, numerical analysis, interpretation and a conclusion. Follow the proforma pattern that we have studied in class.