

Data

1	B	$220-150=70$
2	D	$800*0.25=200$
3	C	Negatively skewed with one or more outliers
4	C	30.8 or 30.3? Very close! The top 43 data counts for the top 25%
5	E	85%
6	D	Categorical Variables – segmented percentage barchart
7	A	Only number of wings is numerical.
8	D	$0.025*10000=250$
9	D	Mean is 670 which spans 50% of the data $670 - 655 = 15$ – lowest 16% approximately
10	A	Frequency is ordinal Snores: nominal
11	E	$91/161 \sim 56.5\%$
12	B	$12/70 \sim 17.1\%$
13	C	Minimising the sum of the squared shortest distance to the line
14	C	$10 \cdot 1.16 + 0.03617 \cdot 3$ 18.5570953823
15	D	$\frac{1}{0.741}$ 1.34952766532
16	D	solve $\left(\frac{81.1}{1.138} = \frac{x}{1.072} \right)$ $x=76.3964850615$
17	B	$\frac{92.6}{1.222}$ 75.7774140753
18	C	Six mean: tedious
19	A	Median($\{\dots\dots\dots\}$)
20	D	$2160000/5 \cong 432000$

Finance

1	A	
2	C	
3	C	Last option is perpetuity
4	D	
5	B	
6	E	
7	B	
8	C	$\left(\left(1 + \frac{r}{100 \cdot n} \right)^n - 1 \right) \cdot 100$ $r=8 \text{ and } n=26$ 8.31540210691
9	B	
10	B	Use finance solver

Module 1-Matrice

Q1	Q2	Q3	Q4	Q5
A	E	D	C	D
Q6	Q7	Q8	Q9	Q10
B	B	E	B	E

Module 2-Network

Q1	Q2	Q3	Q4	Q5
D	D	B	C	D
Q6	Q7	Q8	Q9	Q10
E	B	E	C	A

Module 3-Geometry

Q1	Q2	Q3	Q4	Q5
E	B	C	B	D
Q6	Q7	Q8	Q9	Q10
C	E	C	E	C

Module 4-Graphs & Relations

Q1	Q2	Q3	Q4	Q5
C	D	E	B	B
Q6	Q7	Q8	Q9	Q10
A	C	A	C	E