

Quantitative Methods

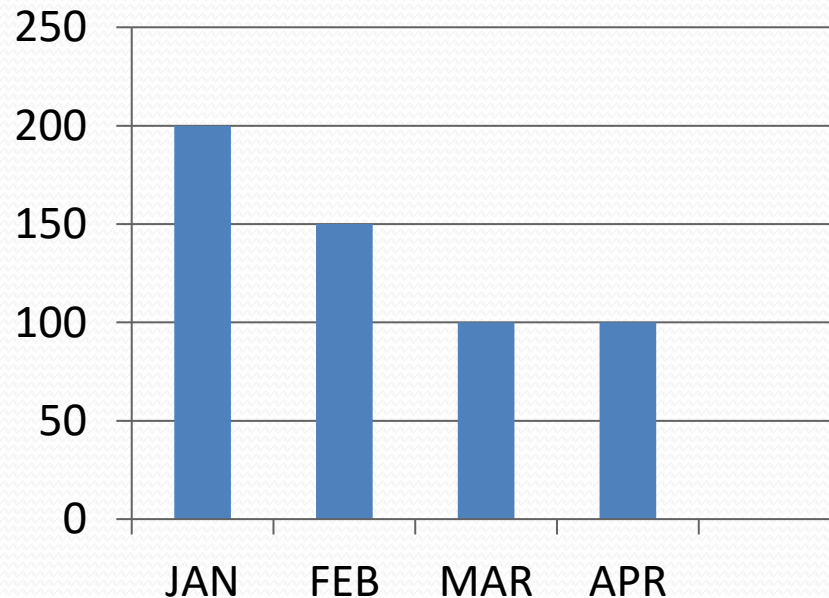
Bar Charts

Module No. Cons 1012

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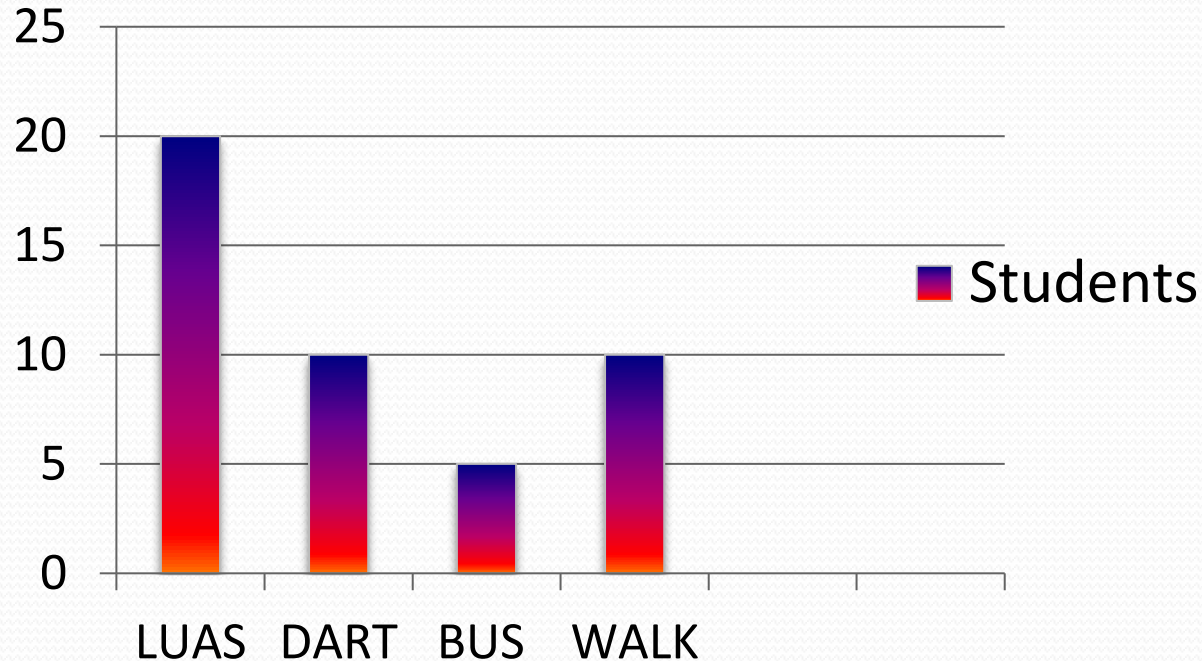
Bar Charts

- Bar charts are one of the simplest methods of presenting information.
- When creating a bar chart here are some points to note:
- The bars must be the same thickness.
- The quantity is represented by the height of the bar.
- The horizontal lines is called the X axis representing the Item
- The vertical line is called the Y axis representing the Quantity



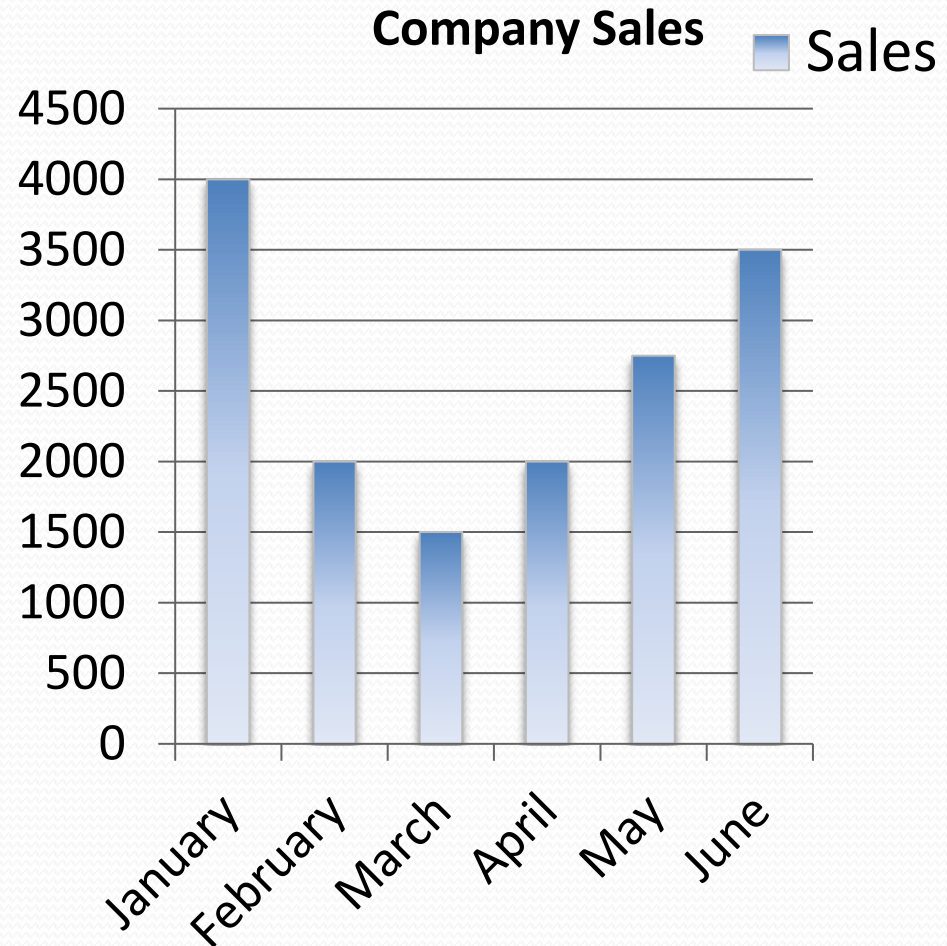
Example 1

- In a class of 45 College Students, 20 get the LUAS, 10 get the DART & 5 get the bus & the rest walk.
- Show this information on a Bar Chart.



Bar Chart Question 1.

- From the bar chart calculate:
 - a). The total amount of money made by the company in the first six months of the year.
 - B). The average amount made each month.
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- Total amount in 6 months €15,750
 - Average amount in 6 months €2,625



Q 2. Draw a Bar Chart to represent the following Kitchen Job:

Days	1	3	3	5	7	5
Jobs	Design	Setting Out	Break out	Assembly	Finishing	Fitting

Ans. 2. Bar Chart to representing the Kitchen Job.



Q. 3. Draw a Bar Chart to represent the following Hotel Bar Job:

Days	2	2.75	3	4	4	5
Jobs	Design	Setting Out	Break out	Assembly	Finishing	Fitting

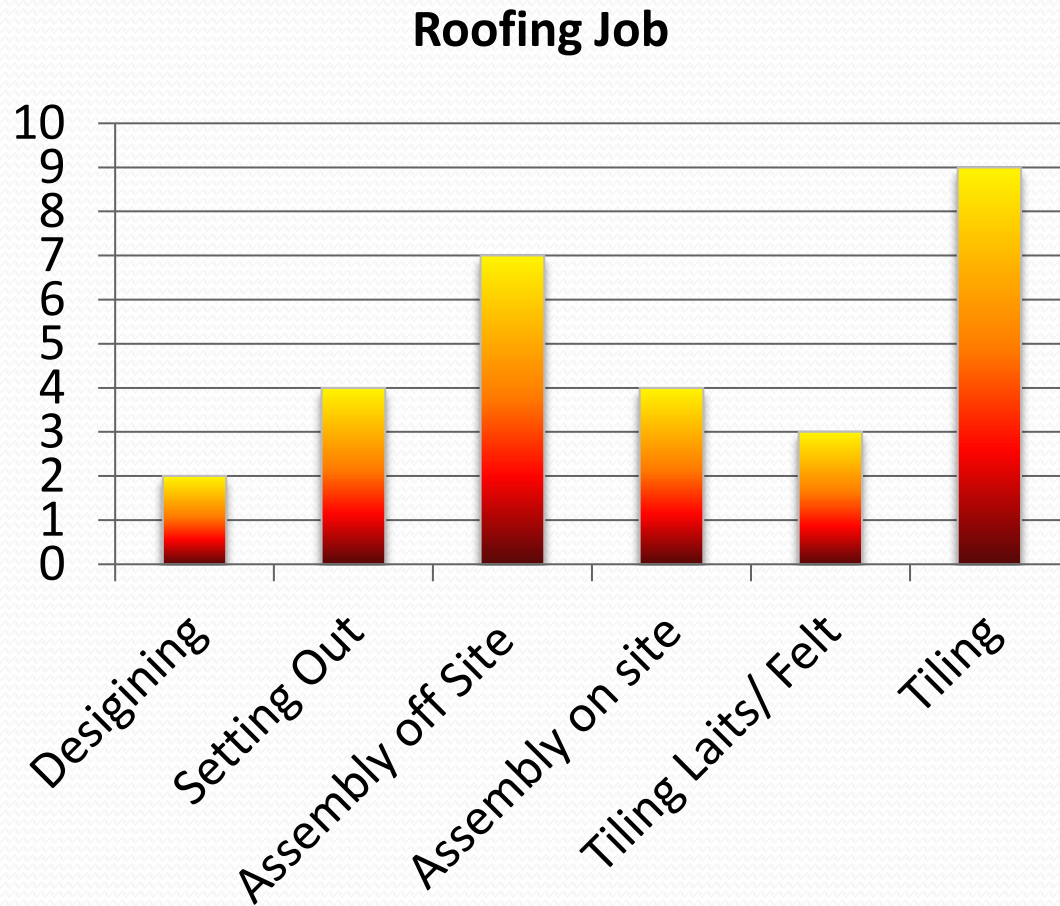
Ans. 3. Bar Chart to representing the Hotel Bar Job.



Q.4. Draw a Bar Chart to represent the following Roofing Job:

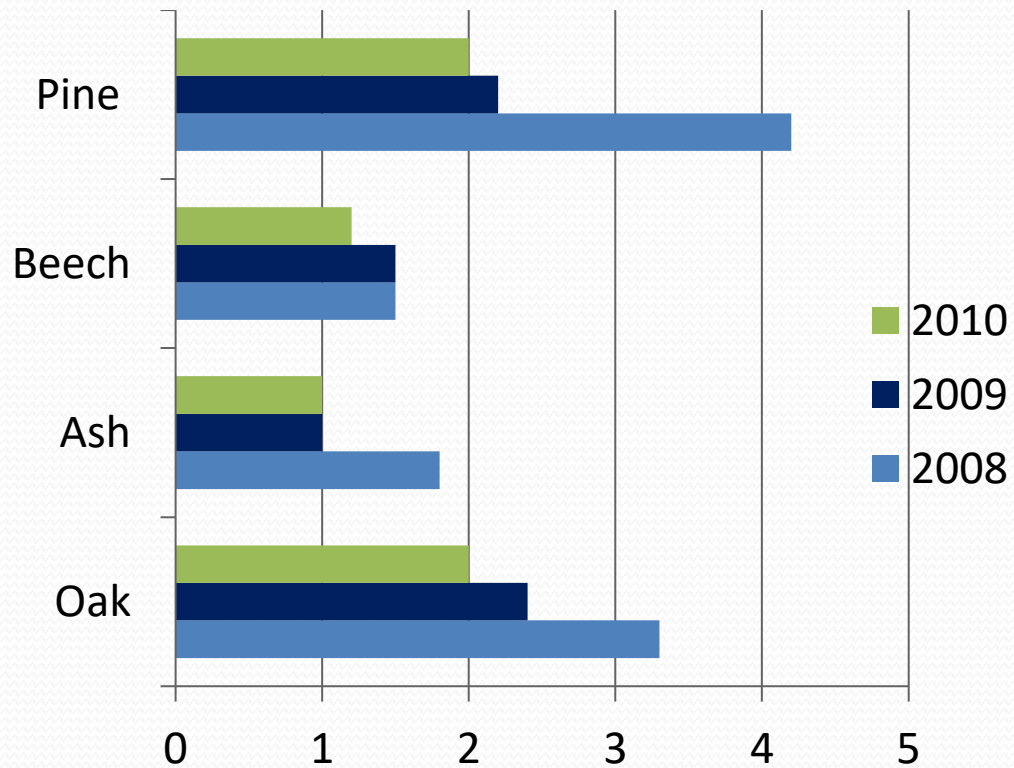
Days	2	4	7	4	3	9
Jobs	Design	Setting Out	Ass. Off site	Ass. On site	Tiling laths/Felt	Tiling

Ans. 4. Bar Chart to representing the Roofing Job:



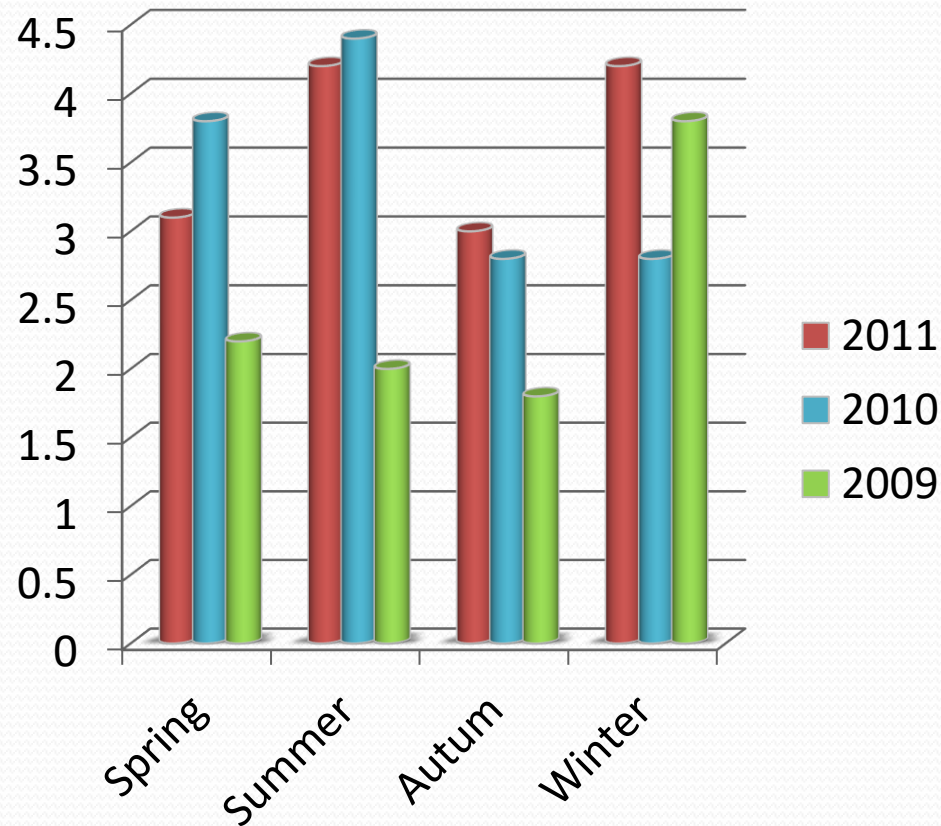
Horizontal Bar Chart

- This Bar Chart represents the amount of cubic metres of different timbers used in a Factory between the years 2008 to 2010.



Multiple Vertical Bar Chart

- This Bar Chart represents the average amount of millimetres of rain that fell per week in each season between the years 2011 to 2009



Draw a Bar Chart to represent each of the following:

Days	1	3	3	5	7	5
Jobs	Design	Setting Out	Break out	Assembly	Finishing	Fitting

Days	2	2.75	3	4	4	5
Jobs	Design	Setting Out	Break out	Assembly	Finishing	Fitting

Days	2	4	7	4	3	9
Jobs	Design	Setting Out	Ass. Off site	Ass. On site	Tiling laths/Felt	Tiling