

FINAL ASSESSMENT ON DATA EXCEL WITH SCIENCE

1. What are charts and different types of charts?

Ans: Chart is a graphical representation of data. It allows user to see and analyse the result of data to better understand and better assessment for the future work.

There are wide variety of charts available to display data. These are listed below:

- a) Bar Chart
- b) Column Chart
- c) Excel sparklines
- d) Flow Chart
- e) Gantt chart
- f) Graph
- g) Line Chart
- h) Pie Chart
- i) Point Chart.

2. What are pivot tables in excel and their implementation?

Ans: A pivot table is a tool used in spreadsheet programs designed to collect information from one table or spreadsheet and then summarize the data in a second. It makes easier to read the data and allow users to select one or more list of values and view or manipulate the data in a useful way.

Pivot Tables can also calculate total, provide average values pr display data in a categorized method for review. Pivot Tables have often been used in business world to summarize sales of data, to more comprehensible and fast manner to which happen after been categorized.

3. What is conditional formatting? Distinguish five types of conditional formatting.

Ans: Conditional formatting is an automatic formatting that is triggered by the users by condition which is to be define. Conditional formatting is a feature that allows users to sort the only cells that match according to the condition to which is provided. It is mostly used to highlight or emphasize certain data and to visualize the data using bars, scales etc.

The five types of conditional formatting are in the below:

- 1) Background colour shading (of cell)
- 2) Foreground colour shading (of fonts)
- 3) Data bars
- 4) Icons
- 5) Values.

4. How to clear formatting in excel without actually removing the cell content?

Ans: In excel, user can easily remove formatting data with a few clicks (or a keyboard shortcut). User can also copy the data which is to be remove without copying other data which is to remain safe. Thus clicking delete will remove all the formatting while keeping other cell contents safe.

5. Create a pivot Table and chart for the given table? (Below)

6. Create a dashboard for the attached excel sheet.

7. Define Statistic.

Ans: Statistic is a science enveloping the collection, analysis and interpretation data and presenting it in a categorical and concise manner. For example, a website may record how many times a page is visited and display the data in an easy-to-read format.

8. Explain about any two data analysis toolpak.

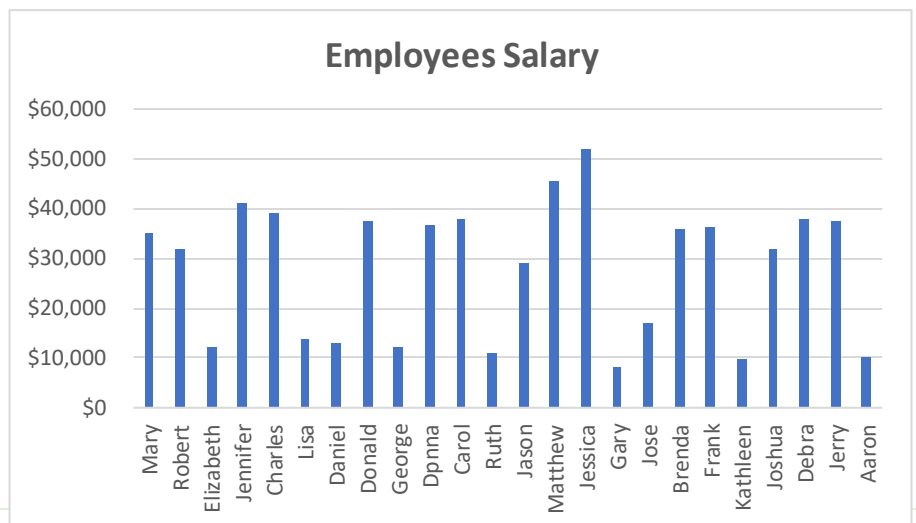
Ans: The analysis toolpak is an excel add-in program that provides data analysis tools for financial, statistical and engineering data analysis. Analysis toolpak fetches the result in an output table by using the relevant statistical or engineering macro- function.

9. Explain about Histogram?

Ans: A histogram is a chart with horizontal or vertical bars to indicate each of the values. Histogram is a graphical representation that organizes a group of data points into user-specified ranges. Similar in appearances to a bar graph, the histogram condenses a data series into an easily interpreted visual by taking many data points and grouping them into logical ranges or bins.

5. Create a pivot Table and chart for the given table?

Row Labels	Sum of Salary
Aaron	10050
Knowles	10050
Part Time	10050
Brenda	36000
Baxter	36000
Full Time	36000
Carol	38050
Schultz	38050
Full Time	38050
Charles	39000
Brown	39000
Full Time	39000
Daniel	13000
Wood	13000
Part Time	13000
Debra	38050
Boyle	38050
Full Time	38050
Donald	37500
Coleman	37500
Full Time	37500
Dpnna	36750
Steele	36750
Full Time	36750
Elizabeth	12000
Wilson	12000
Part Time	12000
Frank	36500
Morin	36500
Full Time	36500
Gary	8000
Brown	8000
Part Time	8000
George	12050
Perry	12050
Part Time	12050
Jason	29000
Chandler	29000
Full Time	29000
Jennifer	41000
Moore	41000
Full Time	41000
Jerry	37500
Buckner	37500
Full Time	37500
Jessica	52000
Hensley	52000
Full Time	52000



Jose	17000
Grimes	17000
Part Time	17000
Joshua	31750
Huber	31750
Full Time	31750
Kathleen	9750
Tillman	9750
Part Time	9750
Lisa	14000
Price	14000
Part Time	14000
Mary	35000
William	35000
Full Time	35000
Matthew	45500
Small	45500
Full Time	45500
Robert	32000
Brown	32000
Full Time	32000
Ruth	11000
Munoz	11000
Part Time	11000
Grand Total	672450