
Excel Assignment 1

1. What is Excel? Why do we use Excel?

Excel is used to store, analyze and report on large amount of data. It is often used By accounting teams for financial analysis, but can be used by any professional To manage long and wieldy dataset

Example:- excel application include balance sheet, budget or editorial calendars.

2. List all the versions of Microsoft excel. Compare excel software provided from multiple vendors.

- Office 2013
- Microsoft office 2003
- Microsoft excel 2010
- Microsoft office 2016
- Excel 97
- Microsoft excel 2019
- Microsoft excel 2013

Compare two column and Highlight matches

- Select the entire data set
- Click the home tab
- In the styles group click on the 'conditional formatting' option
- Hover the cursor on the highlight cell rules options
- Click on duplicate values
- In the duplicate values dialog box, make sure 'duplicate' is selected.

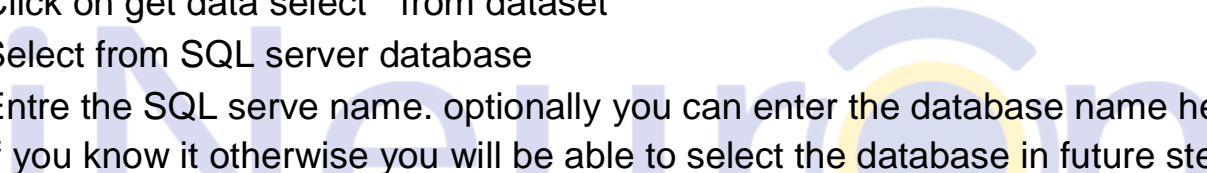
3. How to create bar charts in excel, demonstrated with practical examples.

Select your data > go to the "INSERT" tab and move the cursor to insert bar chart option . under the 2D bar chart, 3D bar chart etc select any bar chart.

4. Create an analytics dashboard in python and present your findings.

- Learn to build a professional quality data analysis dashboard, completely in python using the dash/ plotly frameworks using a non- standard dataset.
- Obtaining the data
- Understanding the data and the challenges it well pose
- Method using to manipulate the data in various forms
- Construction of the dashboard framework to views and analyze the data
- Developing several distinct chart type using plotly libraries to visualize the data in different ways.

5. How to connect Excel with the databases.

- Click on get data select “ from dataset ”
 - Select from SQL server database
 - Entre the SQL serve name. optionally you can enter the database name here
If you know it otherwise you will be able to select the database in future step.
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Bar chart :-

MONTHS	SALES
January	21
Febuary	56
March	96
April	98
May	64
June	89
July	63
Augest	41
September	68
October	89
November	123
December	254

