**Excel Assignment 1**

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

**Answer:**

Excel is used for organizing, filtering, and visualizing large amounts of data. It is most often used in accounting, but can be used by virtually any professional to manage long and unwieldy datasets. Examples of Excel applications include balance sheets, budgets, editorial calendars, and data calculators.

It is the number one platform when it comes to analysing data, finding information, preparing charts, and presenting them to decision-makers. Excel performs well for all levels of user—from the basic calculator to the 100% technically adept-and allows each user to feel accomplished. Because Excel puts power in the hands of its users, it has cemented user attraction to the program and ensured that it will not easily be replaced in the foreseeable future. Excel is familiar, readily available, and more powerful than ever. Some experts even go so far as to label Excel as the one application that the business world cannot live without.

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

**Answer:** <https://spreadsheetpage.com/excel-version-history/>

**Note:** I have understood the versions and this link helped me to understand in depth.

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

**Answer:** <https://www.techonthenet.com/excel/charts/bar_chart2016.php>

**Note:** I have used this link and created similar one and it was useful.

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

**Answer:** <https://github.com/savanvachhani17/TeleCommunications-Churn-Analysis>

**Note:** You will find it in this link which is my GitHub link

1. How to connect Excel with the databases.

**Answer:** <https://www.erpsoftwareblog.com/2021/10/excel-connection-sql-database/>

**Note:** I have used this link and created similar one and it was useful