

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

Microsoft Excel enables users to format, organize and calculate data in a spreadsheet. By organizing data using software like Excel, data analysts and other users can make information easier to view as data is added or changed. Excel contains a large number of boxes called cells that are ordered in rows and columns.

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

[Excel 365](#)
[Excel 2021](#)
[Excel 2019](#)
[Excel 2016 and 365](#)
[Excel 2013 \(Windows\)](#)
[Excel 2011 \(Mac\)](#)
[Excel 2010 \(Windows\)](#)
[Excel 2008 \(Mac\)](#)
[Excel 2007 \(Windows\)](#)
[Excel 2004 \(Mac\)](#)
[Excel 2003 \(Windows\)](#)
[Older Windows versions \(2002, 2000, 97, 95, 4.0, 3.0, 2.0\)](#)
[Older Mac versions \(2001, 2000, 98, 5, 4, 3, 2, 1\)](#)
[OS/2 Versions \(2.2, 2.3, 3\)](#)

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

The steps used to create bar chart in excel are:

- **Step 1:** First, select the values in the table.
- **Step 2:** Next, go to **Insert** and click on **Insert column or bar chart** from the **Charts** group.
- **Step 3:** Choose the desired bar chart type.

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

5. How to connect Excel with the databases.

To connect Excel to a database in SQL Database, open Excel and then create a new workbook or open an existing Excel workbook. In the menu bar at the top of the page, select the Data tab, select Get Data, select From Azure, and then select From Azure SQL Database.