

# **Prerequisites and Lab Set-Up document**

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## Prerequisites

Participants are expected to be from IT background and holds basic knowledge of IT and programming language.

## General Requirements

1. Each participant will need a computer with Windows OS to perform the lab. This computer will need Internet connectivity throughout the training.
2. The participant will need enough administrative rights on the machine to be able to install opensource software's/packages on the fly and run commands / install, as necessary and mentioned.
3. There should be no hardware/software firewall that blocks access to certain ports such as 22, 3389, 3306, 80, 443 etc.
4. Download and install the modern browsers Chrome or Firefox.
5. Each participant should have active google account.

## System Requirements:

- OS – Windows 10+/ Linux OS
- Hardware requirements
  - 2 GHz+ modern processor
  - 8 GB or higher RAM

Sr	Software Name	Version	Link
1	Python	3.x.x	<a href="https://www.python.org/downloads/">https://www.python.org/downloads/</a>
2	VS Code	latest	<a href="https://code.visualstudio.com/">https://code.visualstudio.com/</a>
3	MySQL	9.x	<a href="https://dev.mysql.com/downloads/mysql/">https://dev.mysql.com/downloads/mysql/</a>

**Or**

**A Github account with Codespaces access**

**Or**

**A Google Colab Environment**