

# Project Platform Setup

## Hardware: -


Processor	Intel
Chipset	Core i3
Generation	7th
Available Disk Space	300 GB
RAM	4 GB

## Software: -

Tool		Version	Comments		
Anaconda		conda 4.10.3	Satisfied		
PyCharm		Version: 2021.2.1	Installed		
Virtual Environment		CustomerSegment	<a href="#">Setup using conda</a>		
Python		Python 3.8.11	Updated		
Package	Version	Package	Version	Package	Version
Pandas	1.2.4	sklearn	0.24.1	numpy	1.20.1
pandarallel	1.4.8	joblib	1.0.1	matplotlib	3.3.4
seaborn	0.11.1	imblearn	0.8		

## Cloud: -

- The Local machine doesn't meet the specifics. So, I set up a Microsoft Azure connection.
- The virtual CPU has 28 GB RAM, a storage capacity of 56GB which would be sufficient for our datasets.

Resource properties	
Status	 Running
Last operation	Started at Sep 12, 2021 10:25 PM: Succeeded
Virtual machine size	Standard_DS12_v2 (4 cores, 28 GB RAM, 56 GB disk)
Processing unit	CPU - Memory optimized
Applications	<a href="#">JupyterLab</a> <a href="#">Jupyter</a> <a href="#">VS Code</a> <a href="#">RStudio</a> <a href="#">Terminal</a>
Created on	9/12/2021, 12:27:31 AM
SSH access	Enabled