

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	Setup using conda		
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	JupyterLab Jupyter VS Code RStudio Terminal
Created on	9/12/2021, 12:27:31 AM
SSH access	Enabled