MACHINE LEARNING USING PYTHON END TERM PRAC EXAM-:

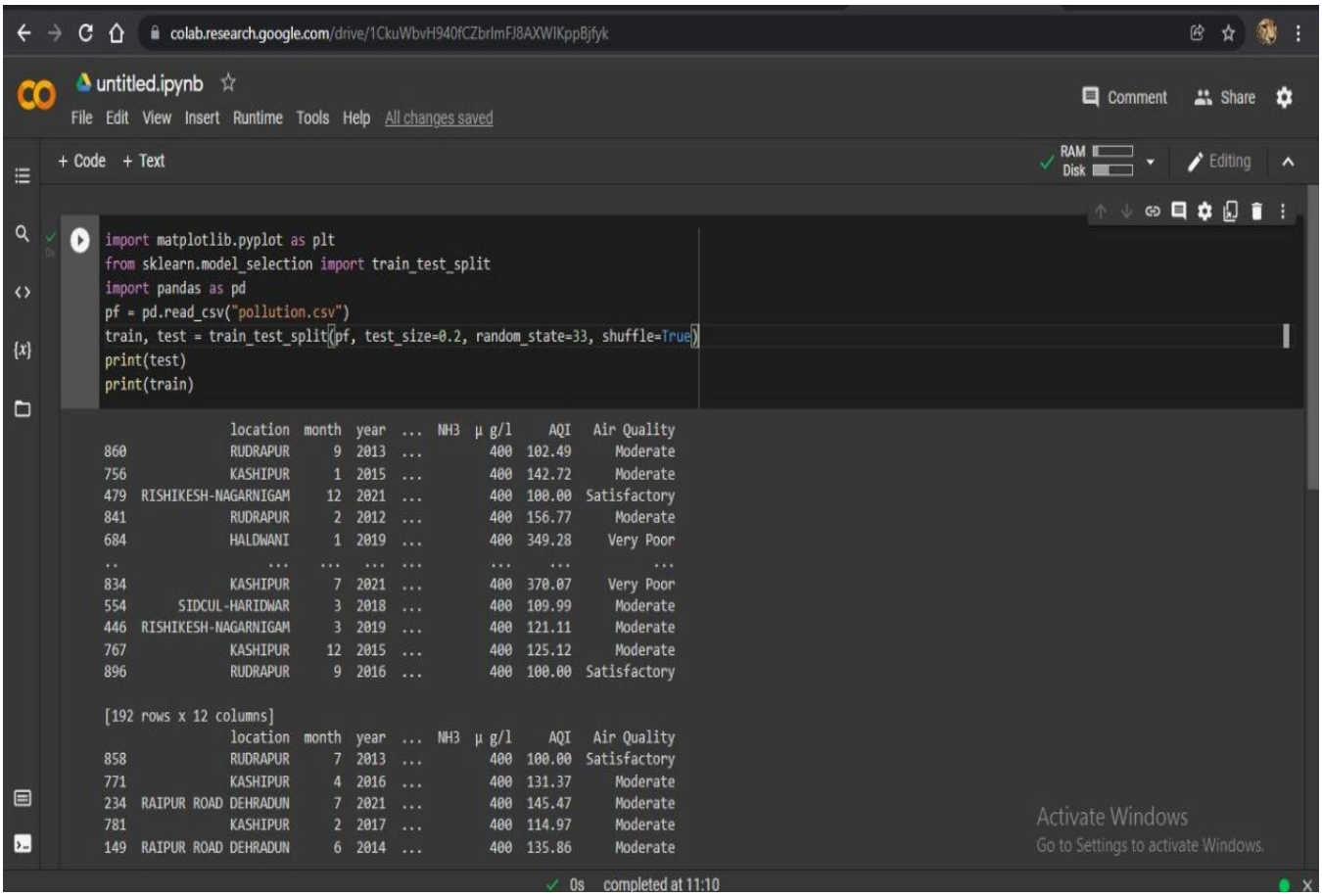
NAME – LOKESH PANDEY

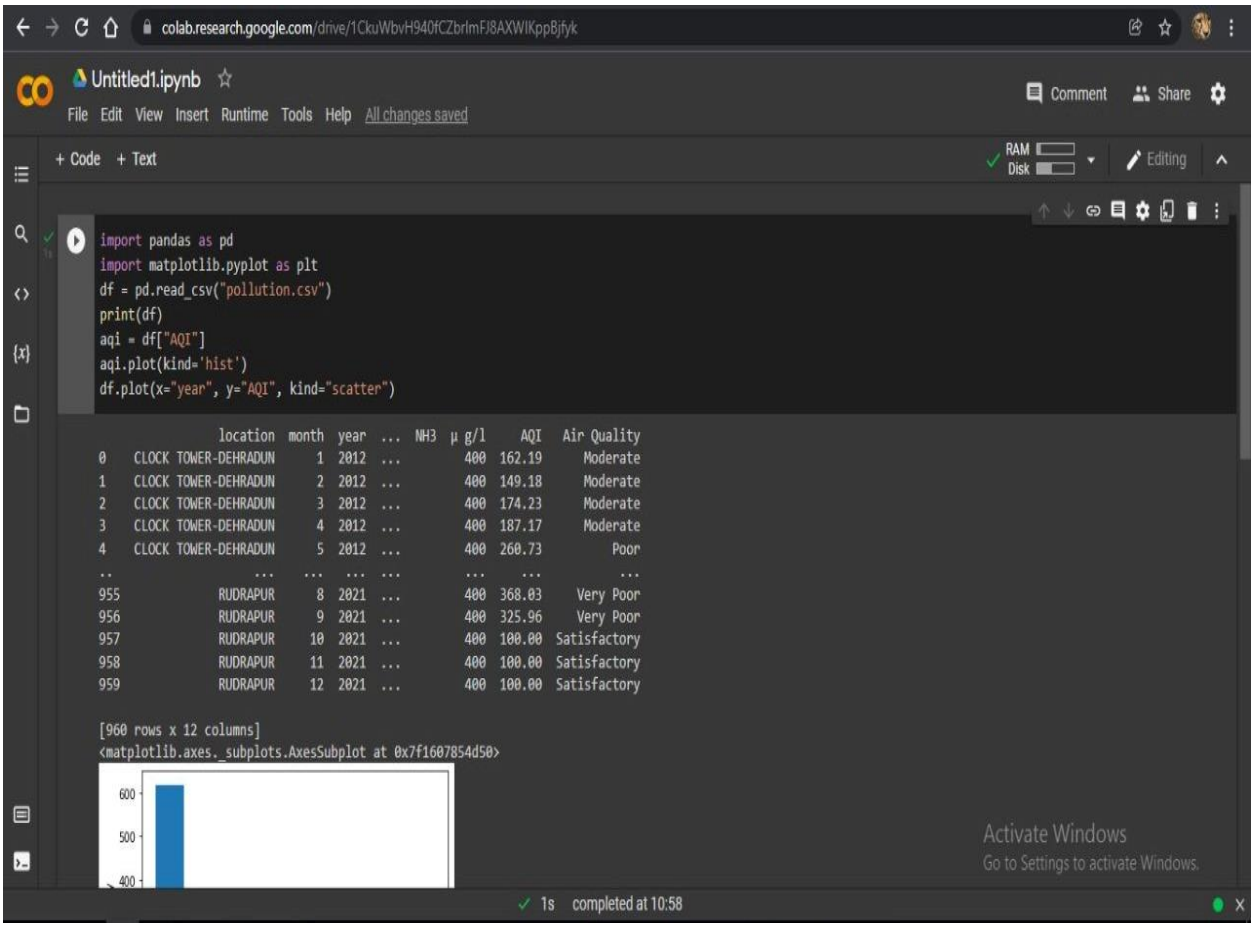
COURSE-MCA

SEM-3C

STD-ID-20711181

ROLL-NO-2001182

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Untitled1.ipynb
File Edit View Insert Runtime Tools Help All changes saved
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RAM
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Editing
import pandas as pd
import matplotlib.pyplot as plt
df = pd.read_csv("pollution.csv")
print(df)
aqi = df["AQI"]
aqi.plot(kind='hist')
df.plot(x="year", y="AQI", kind="scatter")
location month year ... NH3 µ g/l AQI Air Quality
0 CLOCK TOWER-DEHRADUN 1 2012 ... 400 162.19 Moderate
1 CLOCK TOWER-DEHRADUN 2 2012 ... 400 149.18 Moderate
2 CLOCK TOWER-DEHRADUN 3 2012 ... 400 174.23 Moderate
3 CLOCK TOWER-DEHRADUN 4 2012 ... 400 187.17 Moderate
4 CLOCK TOWER-DEHRADUN 5 2012 ... 400 260.73 Poor
.. ..
955 RUDRAPUR 8 2021 ... 400 368.03 Very Poor
956 RUDRAPUR 9 2021 ... 400 325.96 Very Poor
957 RUDRAPUR 10 2021 ... 400 100.00 Satisfactory
958 RUDRAPUR 11 2021 ... 400 100.00 Satisfactory
959 RUDRAPUR 12 2021 ... 400 100.00 Satisfactory
[960 rows x 12 columns]
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600
500
400
Activate Windows
Go to Settings to activate Windows.
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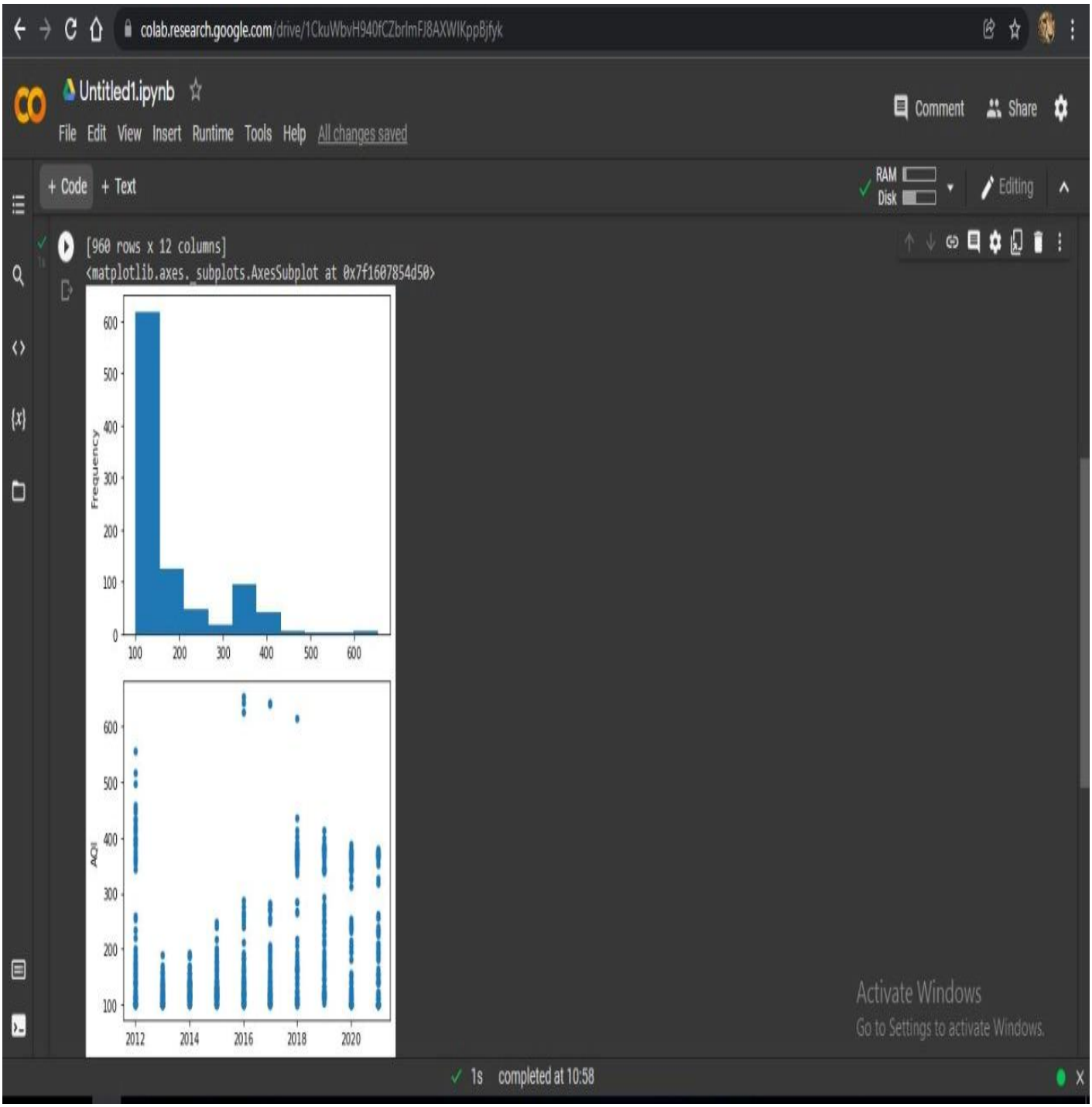
colab.research.google.com/drive/1CkuWbvH940fCZbrlmFJ8AXWIKppBjfyk
Untitled1.ipynb
File Edit View Insert Runtime Tools Help All changes saved
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[960 rows x 12 columns]
<matplotlib.axes._subplots.AxesSubplot at 0x7f1607854d50>
Frequency
AQI
Activate Windows
Go to Settings to activate Windows.
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