

Explorer

Open Editors

Problem1.ipynb python\Assignment

EDA

python

Assignment

DA314_S8_EmployeeAttrition_Da... U

Problem1.ipynb U

Day 1

Practice

test_RecallNumPyArray.py

test_RecallPandasDataFrame.py

test_WorkwithNumPy2DArray.py

test_WorkwithPandasSeries.py

Day 2

Day 3

Day 4

Day 5

Day 6

venv

.gitignore

coffee_sales.csv

matplotlib-cheatsheet.ipynb

matplotlib-cheatsheet.py

numpy-cheatsheet.py

pandas-cheatsheet.py

pandas-csv-template.py

Outline

python > Assignment > Problem1.ipynb > # import pandas as pd

Code Markdown Run All Restart Clear All Outputs Jupyter Variables Outline

venv (Python 3.12.10)

[7] ✓ 0.0s Python

```
df=pd.read_csv("DA314_S8_EmployeeAttrition_Data_Practice.csv")
sns.boxplot(x=df['MonthlyIncome'])
plt.show()
```



A box plot showing the distribution of MonthlyIncome. The x-axis is labeled 'MonthlyIncome' and ranges from 25,000 to 200,000. The y-axis is unlabeled. The plot shows a blue box representing the interquartile range (IQR) from approximately 40,000 to 90,000, with a median line at approximately 55,000. Whiskers extend from the box to the minimum value of approximately 25,000 and the maximum value of approximately 180,000. There is a dense cluster of outliers represented by small black dots between 175,000 and 200,000.

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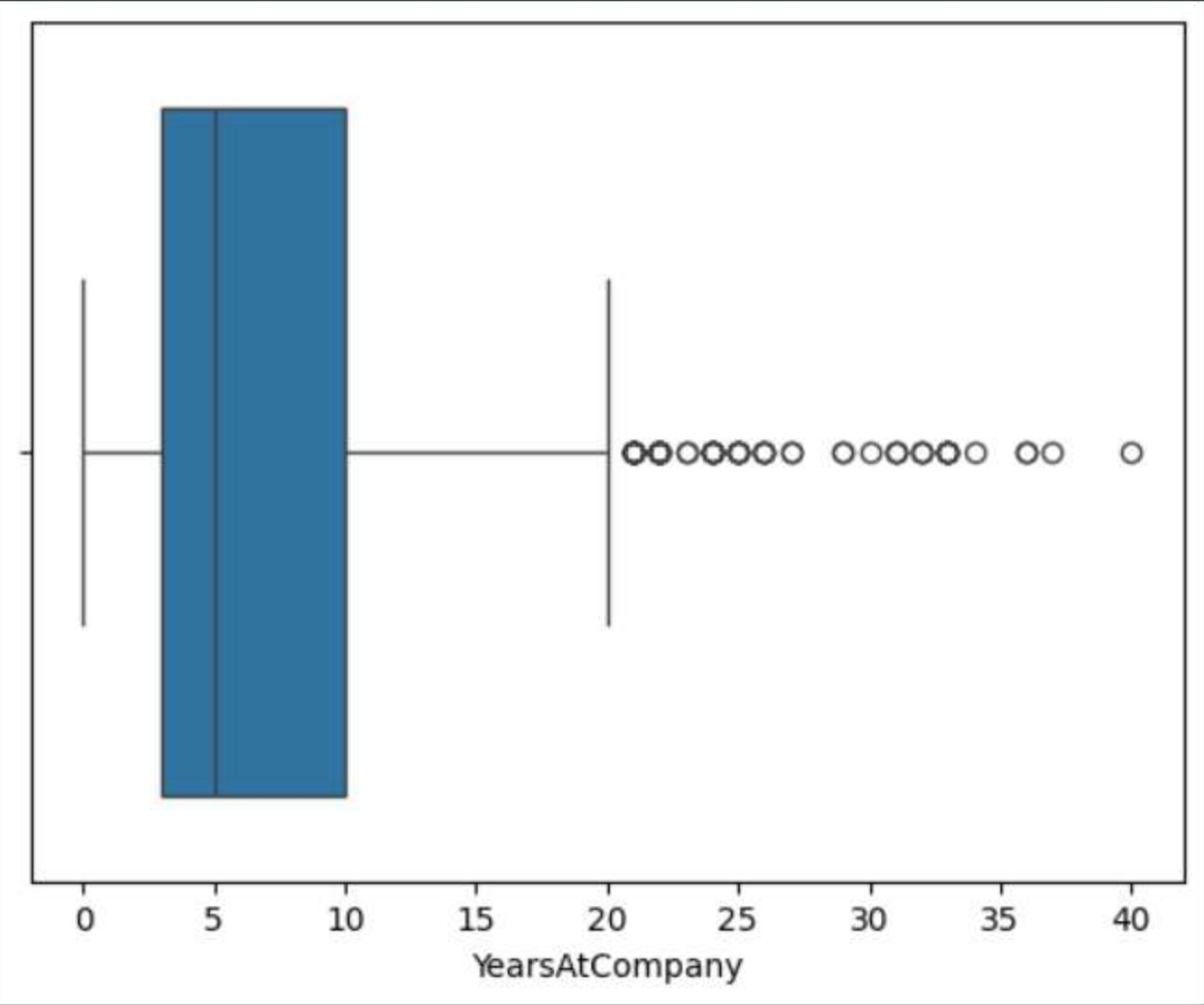
python > Assignment > Problem1.ipynb > # import pandas as pd

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venv (Python 3.12.10)

import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
df=pd.read_csv("DA314_S8_EmployeeAttrition_Data_Practice.csv")
sns.boxplot(x=df['YearsAtCompany'])
plt.show()

[6] ✓ 0.0s Python



A boxplot showing the distribution of 'YearsAtCompany'. The x-axis is labeled 'YearsAtCompany' and ranges from 0 to 40. The y-axis is unlabeled. The box is blue, with a median line at approximately 5.5. The whiskers extend from approximately 0 to 20. There are many outliers represented by open circles, starting from approximately 20 and extending to 40.

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venv (Python 3.12.10)

```
df=pd.read_csv("DA314_S8_EmployeeAttrition_Data_Practice.csv")
plt.figure(figsize=(14,6))
plt.subplot(1,2,1)
sns.boxplot(x=df['MonthlyIncome'],color='green')
plt.subplot(1,2,2)
sns.boxplot(x=df['TotalWorkingYears'],color='blue')
plt.show()
```

[5] ✓ 0.1s Python

