Drug Classification – Power BI Dashboard Summary

Team: Data Crafters
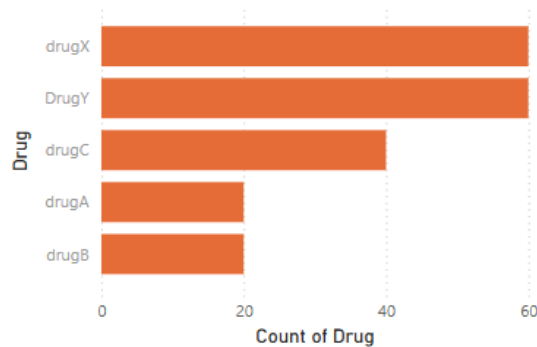
Shubham Mishra (Team Lead),
Saksham Bhardwaj, Suraj Tiwari,
Annu Kumar

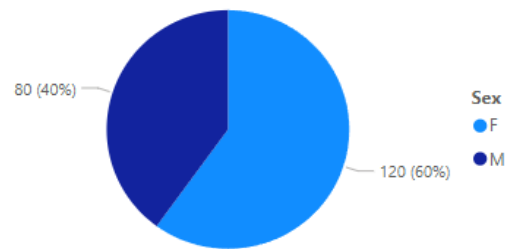B.Tech CSE – Galgotias University

Power BI Dashboard
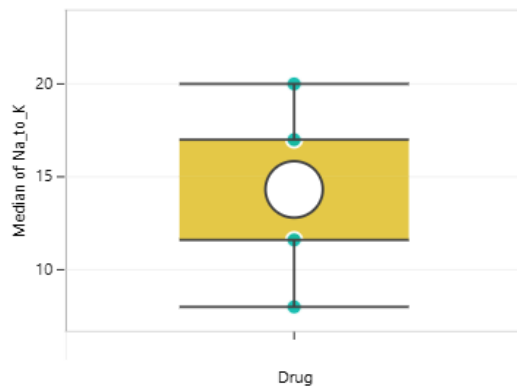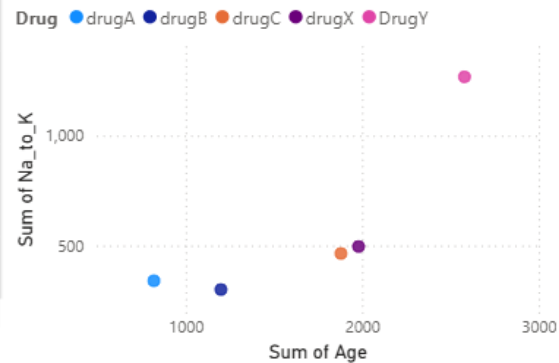
Dashboard Insights

- ◆ Na_to_K is the most impactful feature for drug prediction.

- ◆ Scatter plot shows higher Na_to_K → DrugC/DrugX.

- ◆ Patients with high BP + high Na_to_K often receive DrugY.

- ◆ Pie chart: DrugA is most prescribed.

- ◆ Interactive filters (Sex, Cholesterol, BP) enable deep exploration.

Features Highlighted in Dashboard

☑ Interactive filters: BP, Cholesterol, Sex

☑ Tooltips for data details on hover

☑ Color-coded categories for clarity

☑ Clear chart titles, legends, and dynamic responsiveness

Model Summary

🧠 Model Used: RandomForestClassifier

🎯 Accuracy: ~100% (on test data)

📊 Confusion Matrix & Feature Importance highlight Na_to_K