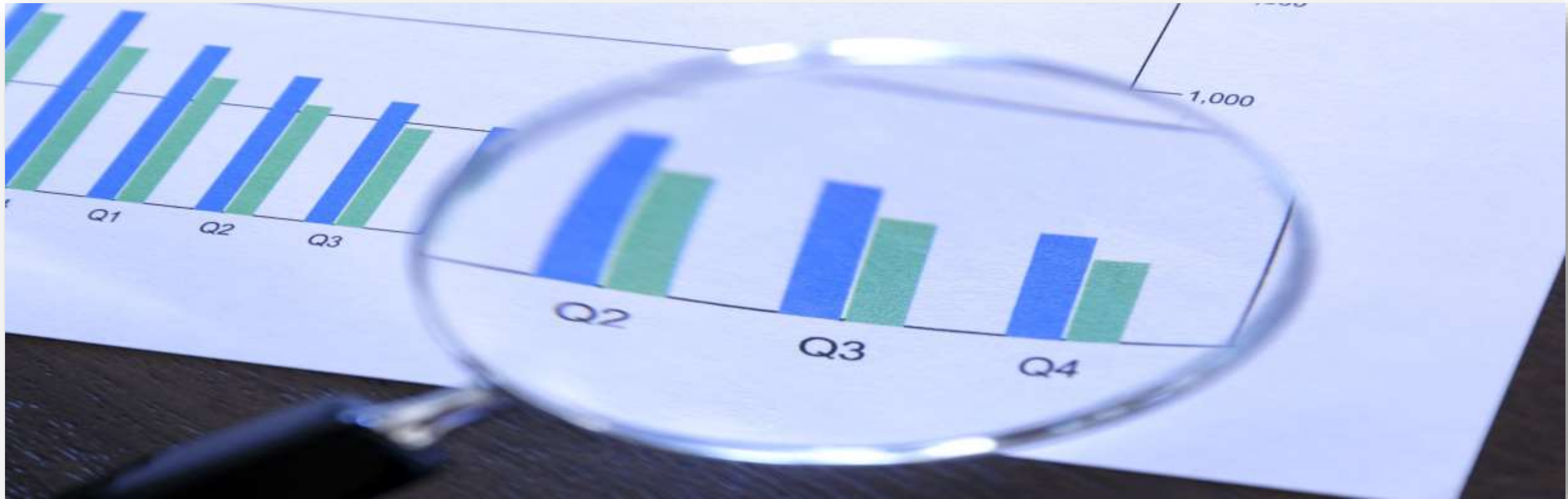
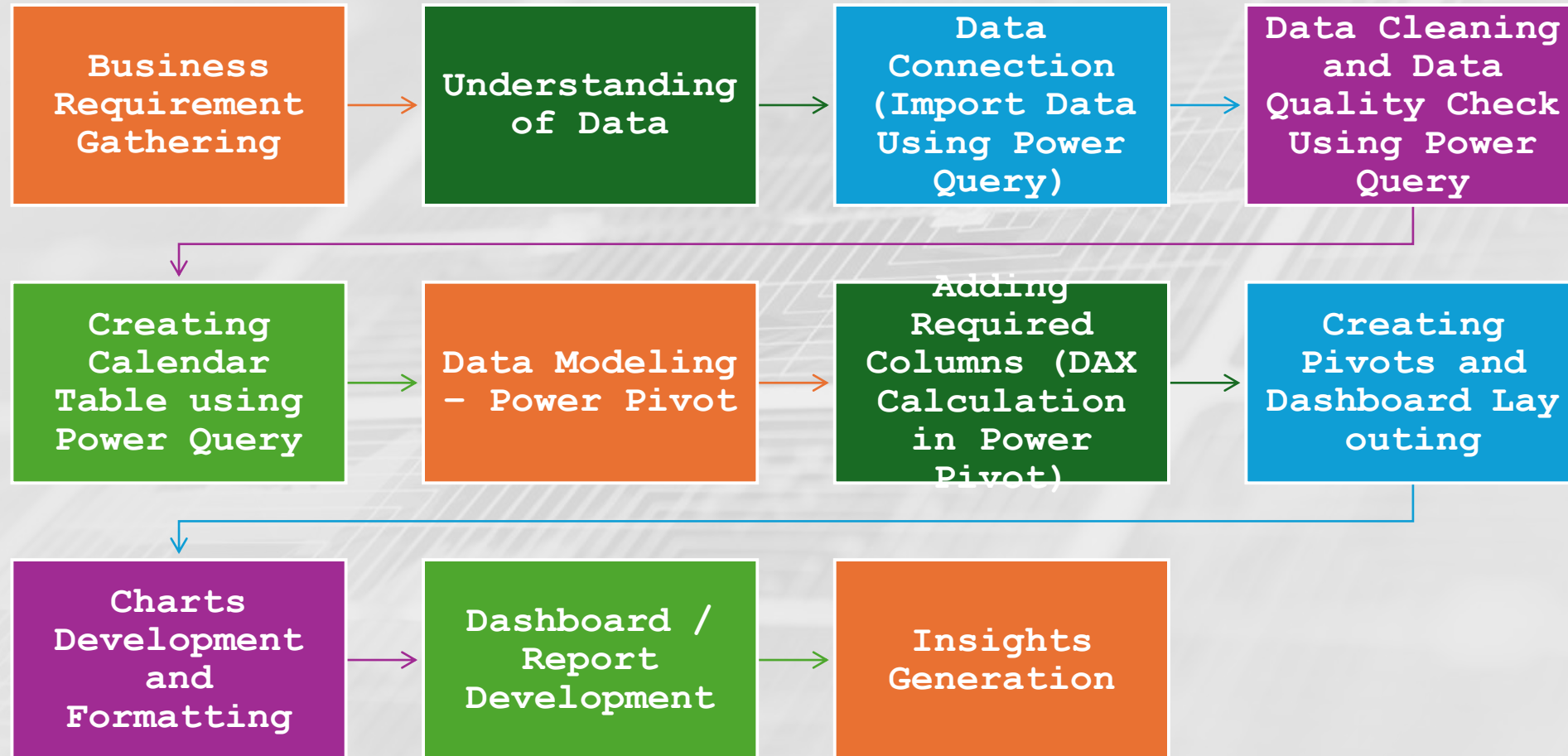


END TO END DASHBOARD PROJECT IN EXCEL



- Rajashree
Sabale

Project Steps





PURPOSE OF PROJECT

We need to create a Hospital Emergency Room Analysis Dashboard in Power BI to improve efficiency and provide useful insights. This dashboard will help stakeholders monitor, analyze, and make better decisions for managing patients and improving services.

KPI'S Requirement



Number of Patients:

Count the total number of patients visiting the ER each day. Show a daily trend with an area sparkline to spot patterns like busy days or seasonal trends.



Average Wait Time:

Find the average time patients wait to see a medical professional. Use an area sparkline to track daily changes and highlight days with longer wait times that might need improvements.



Patient Satisfaction Score:

Check the average daily satisfaction score of patients to assess service quality. Use an area sparkline to show trends, spot drops in satisfaction, and link them to busy times or challenges.

Charts to Create:

- **Patient Admission Status:** Show how many patients were admitted vs. not admitted.
- **Patient Age Distribution:** Group patients by age.
- **Timeliness:** Measure the percentage of patients seen within 30 minutes.
- **Gender Analysis:** Display the number of patients by gender.
- **Department Referrals:** Check which departments patients are referred to the most.



FINAL DASHBOARD



Hospital Emergency Room Dashboard

2023

2024

No of Patient

513

Average Wait Time

36.32

Patient Satisfaction Score

4.96

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Admission Status

No of patients

% Status

Charts

Not Admitted

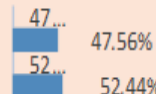
244

48%

Admitted

269

52%



76

69

64

59

58

66

67

54

0-09

10-19

20-29

30-39

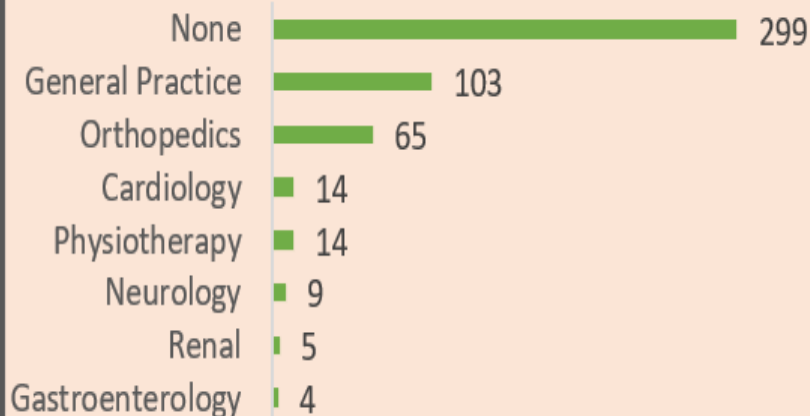
40-49

50-59

60-69

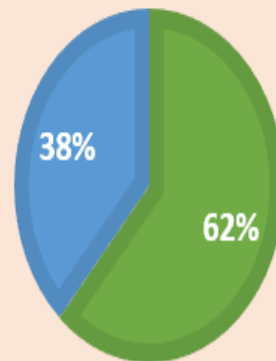
70-79

No of Patients by age group



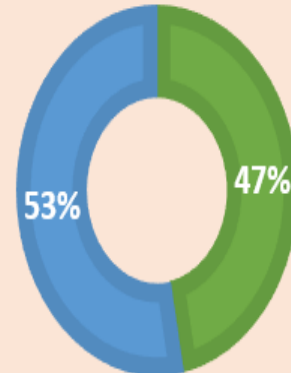
No. Of Patients by Departmental Referrals

Delay Ontime



Patient Attended Status

Female Male



Gender Wise Analysis