Email Subject: Request for Descriptive Analytics on Hospital Operational Data

Dear Analyst,

I hope you're doing well. I am reaching out to request a **descriptive analytics report** on our hospital's operational data for 2024. The objective of this analysis is to gain a clear overview of patient admissions, doctor performance, and key trends over the year.

Key Performance Indicators (KPIs) to Extract:

1. **Total number of patients admitted** within the period.
2. **Average age** of the patients.
3. **Average satisfaction score** of patients.
4. **Total number of doctors** in the dataset.
5. **Average number of patients per doctor.**

Visualizations Required:

I would like to see the following insights presented through appropriate charts:

1. **Age distribution of patients** – Column/bar chart.
2. **Gender distribution of patients** – Donut chart.
3. **Number of patients handled by each doctor** – Column/bar chart.
4. **Diagnosis distribution** – Bar/column chart.
5. **Trend of patients admitted over the period** – Line chart.
6. **Distribution of satisfaction scores by number of patients** – Column/bar chart.

The dataset covers **January to December 2024**, and I'd like the analysis to provide insights into patient demographics, doctor workload, and admission trends.

Looking forward to your report, findings, insights and recommendations.

Best regards,
Dr. Anietie Etuk
Owner, DeepSeek Hospital