# **MediSync Healthcare Center**

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## **Analytics Report**

Doctor: Dr. John Smith Department: Cardiology

Generated on: October 07, 2025 at 11:50 AM

## **Analytics Dashboard**

#### **Doctor Performance Metrics**

Patient Demographics Overview:

• Total Patients Managed: 150

• Primary Age Groups: 18-30: 25%, 31-50: 40%, 51-70: 35%

Health Trends Analysis:

• Most Common Conditions: Hypertension, Diabetes, Heart Disease

Predictive Analytics:

• Key Risk Factors Identified: 4 factors analyzed

### **Comparative Benchmarks**

Department: Cardiology

- Performance compared to Cardiology department average: Above Average
- Peer comparison within Doctor role: Top 25th percentile
- Quality metrics: Exceeds institutional standards

#### **Time-Series Trends**

Daily Trends:

- Patient volume shows consistent patterns with peak hours between 10 AM 2 PM
- Average daily patient interactions: 15-20 patients

### Weekly Trends:

- Monday and Tuesday show highest patient volumes
- Weekend volumes are 30% lower than weekday averages

### Monthly Trends:

- Seasonal variations observed in patient demographics
- Month-over-month improvement in key performance indicators

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