# Patient Report

#### 1. Reading Statistics

Metric	Percentage
Time in Range (90–180 mg/dL)	43.81 %
Hypoglycemia (<70 mg/dL)	4.06 %
Hyperglycemia (>200 mg/dL)	29.93 %

#### 2. Glucose Level Distribution

#### Hourly averages

Hour	Avg BG (mg/dL)
Highest (04:00)	257.0
Lowest (14:00)	141.2

# Weekly averages

Day	Avg BG (mg/dL)
Highest (Friday)	183.2
Lowest (Wednesday)	152.5

#### 3. Trends Over Time

• Trend slope: 0.074 mg/dL per day

 Interpretation: Blood glucose is gradually increasing over time

# 4. Overnight Glucose Stability

Metric	Value
Median overnight BG drift	0.0
	mg/dL
Nights with upward drift	7.7 %
(>20 mg/dL)	
Nights with downward drift	11.5 %
(<-20 mg/dL)	

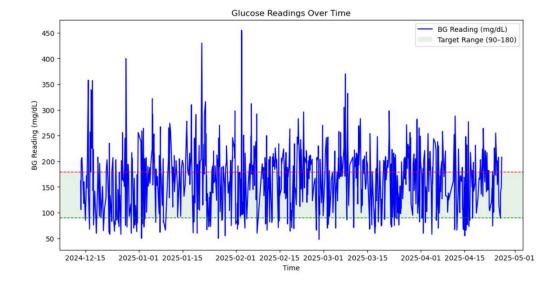
#### 5. Alerts

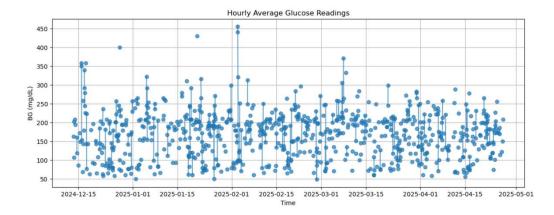
### Low sugar alerts

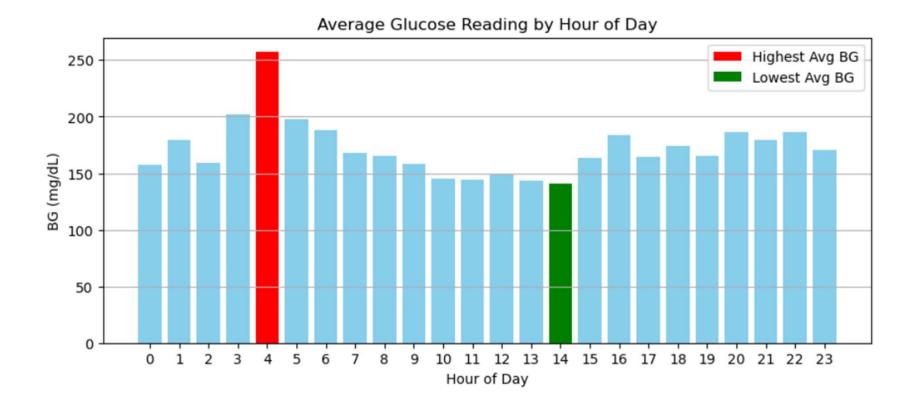
Day Type	Peak Hour	Count
Weekday	16:00	36
Weekend	18:00	14

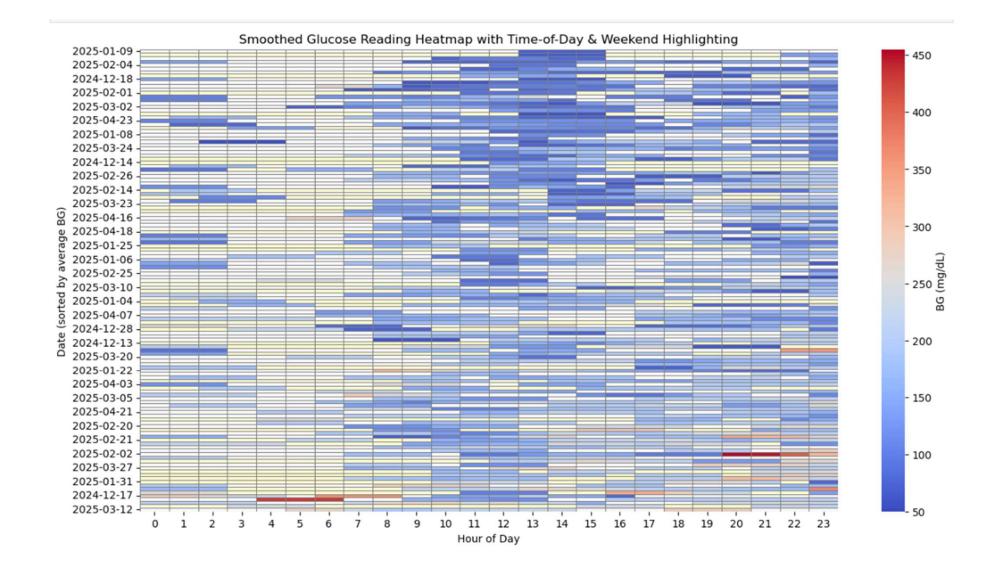
#### High sugar alerts

Day Type Peak Hour Cou	
Weekday 23:00 18	
Weekend 20:00 12	



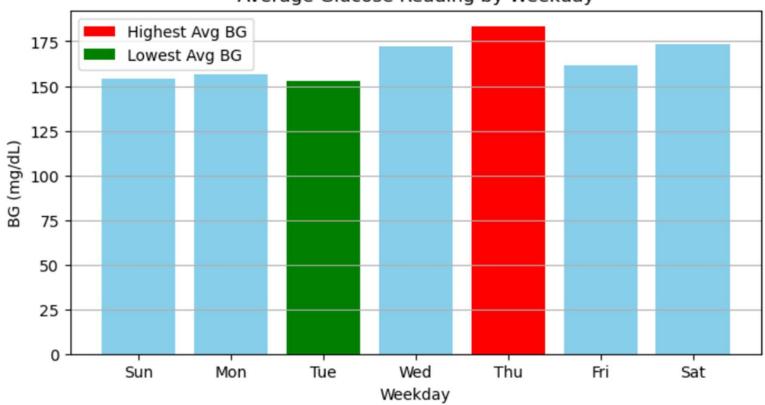


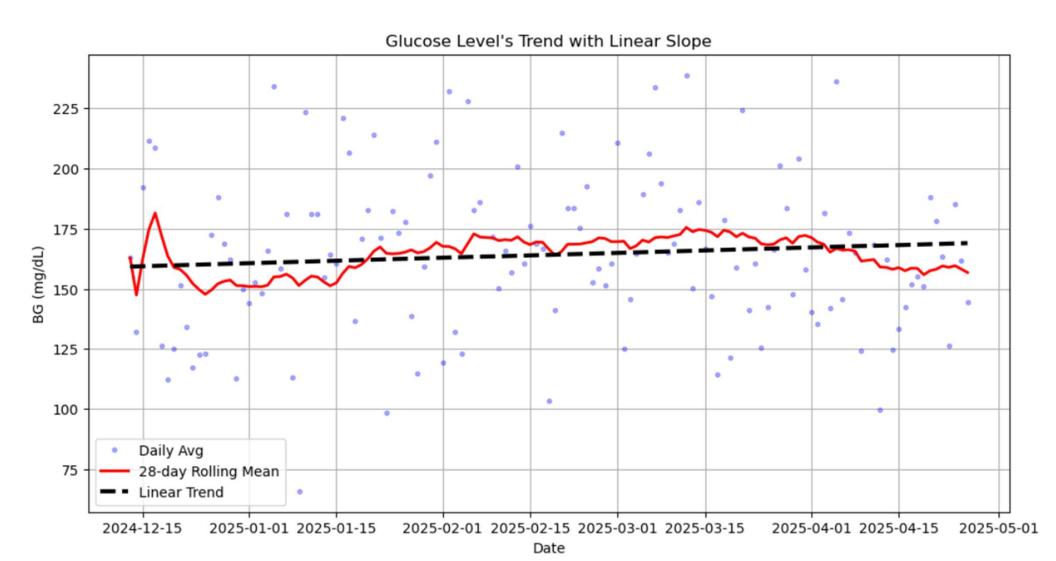


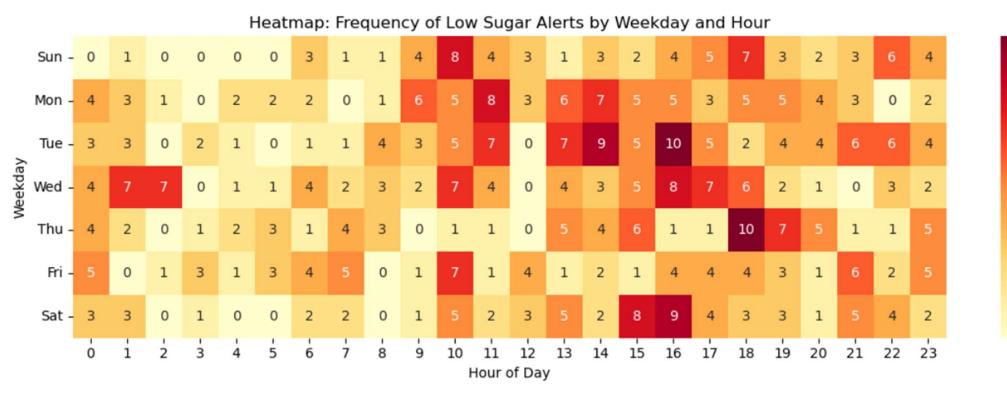


Highest average BG is on Thu → 183.2 mg/dL Lowest average BG is on Tue → 152.5 mg/dL

# Average Glucose Reading by Weekday



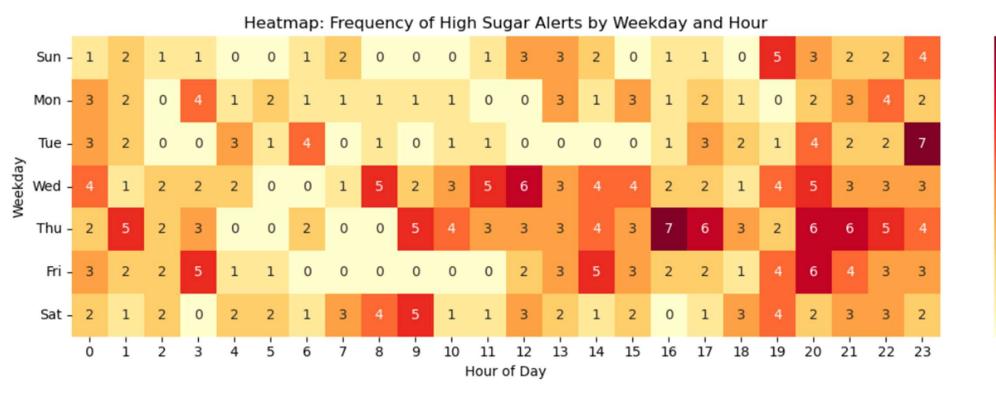




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