KPI Questions.

What is the overall 30-day readmission rate?

What is the total number of patients readmitted within 30 days?

How has the 30-day readmission rate changed over time (by year/month)?

What is the average number of inpatient visits among readmitted vs. non-readmitted patients?

What is the average number of diagnoses for readmitted patients?

What is the average length of hospital stay (time_in_hospital) for readmitted vs. non-readmitted?

How does the number of medications differ between readmitted and non-readmitted groups?

Top 10 patients with the highest inpatient visit count who were readmitted within 30 days?

Which medical specialties have the highest and lowest 30-day readmission rates?

What is the 30-day readmission rate by age group?

What is the readmission rate by insulin usage (No, Steady, Up, Down)?

How does readmission rate vary for patients on metformin or with changes in medications?

What is the readmission rate by diabetes medication usage (diabetesMed)?

How many patients fall into high-risk groups based on number of inpatient visits ≥ 2 and diagnoses ≥ 9?

Which combination of risk factors (e.g., high meds + long stay) leads to the highest readmission rate?

Can we identify top 5 profiles with the highest risk of readmission (based on combinations of categorical + numerical)?