**Analysis of Patient Admissions: Initial Admissions, Readmissions,**

**and Admission Status Overview**

**Creating temp table for encounters**

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**Adding a column to check for rows that need to be dropped (there are overlap between admissions)**



**Some admission records overlap with previous ones, so we identify and remove those duplicate entries**

**Removing records that overlaps**



**Creating another temp table just to make things clear**



**Adding running total that helps us in identifying readmissions**



**Adding a column that checks for admission status**



**Updating the admission status column with the initial admission, readmission and visited status**

**Reviewing the table to confirm that all previous queries executed as expected.**



**Counting the total number of initial admission**



**Counting the total number of readmissions**



**Counting the total number of admissions**



**Counting the total number of patients admitted**



**Counting the total number of patients who have never been admitted**



**Counting the total number of patients who have been re-admitted**



**The Results are:**

**Total Number of Patients:** 974

**Total Number of Admissions:** 623

**Total Number of Initial Admissions:** 347

**Total Number of Re-admissions:** 276

**Total Number of Patients Admitted:** 143

**Total Number of Patients Who Have Never Been Admitted:** 831

**Total Number of Patients Who Have Re-admitted:** 20