

Description of Data:

The OUData.csv dataset is sampled from OU arrival data at a hospital (extracted from the hospital's Electronic Health Record (EHR) system. Each row is a medicine service patient visit with a unique identifier. Both post-surgery and medicine service patients get placed in the OU, but medicine service patients are the target for analysis in the case. Each column contains information about the visit and the recorded vital signs.

Data dictionary:

Column (Variable) Name	Definition
Age	Age of patient, in years
Gender	Patient gender (recorded as Male/Female)
PrimaryInsuranceCategory	Insurance provider for the patient
Flipped	Binary variable that is 1 if the patient "flipped" from OBSERVATION status to INPATIENT status, and 0 if the patient stayed in OBSERVATION status and was discharged from the OU
OU_LOS_hrs	Length of stay in the OU in hours
DRG01	Initial diagnosis-related group (code) corresponding to the patient's primary complaint
BloodPressureLower	Diastolic, or lower, blood pressure number in mm Hg
BloodPressureUpper	Systolic, or upper, blood pressure number in mm Hg
BloodPressureDiff	Difference between systolic and diastolic blood pressure
Pulse	Patient pulse
Pulse Oximetry	Measure of level of oxygen in patient's blood
Respirations	Number of breaths patient takes per minute
Temperature	Patient's temperature in Fahrenheit

Initial primary diagnosis-related group (DRG) codes and descriptions.

DRG Code	Description
276	Dehydration
428	Congestive Heart Failure
486	Pneumonia
558	Colitis
577	Pancreatitis
578	GI Bleeding
599	Urinary Tract Infection
780	Syncope
782	Edema
786	Chest Pain
787	Nausea
789	Abdominal Pain

You may use the following guideline for linking visualizations to questions.

Chart Suggestions—A Thought-Starter

