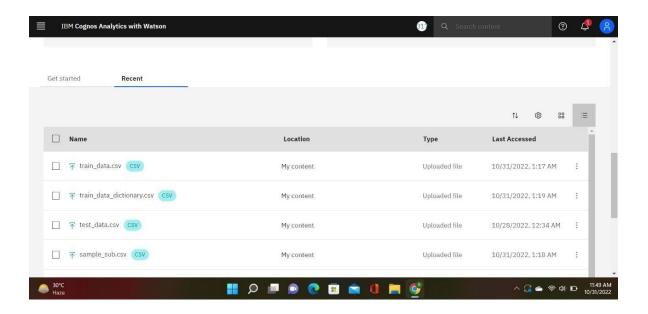# WORKING WITH THE DATASET

LOADING THE DATASET

EXPLORATION OF DATA

Link-

💬 | 🖫 ⌄ | ⤳ | ↶ ↷ | Create + | ∧ 1/7 ⌄ | Summary ▦ | Related ▦ | Compare ▦ | 📌 | 🗑   Analytics ⤴ | Details ⬓ | Fields ▦ | Properties ⇄

Department

5

Department

Details

The total number of results for **Department** is 137,057.

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Type of Admission

3

Type of Admission

Details

The total number of results for **Type of Admission** is 137,057.

Department colored by Age sized by Bed Grade

Bed Grade (Sum)   Age
13   56,127   ● 0-10 ● 11-20 ● 21-30 ● 31-40 ● 41-50 ● 51-60 ● 61-70 ● 71-80 ● 81-90 ● 91-100

Details

For **Bed Grade**, the most significant values of **Age** are 41-50, 31-40, 51-60, 21-30, and 71-80, whose respective **Bed Grade** values add up to nearly 282 thousand, or 78 % of the total.

Bed Grade is most unusual when **Age** is 91-100, 41-50 and 31-40.

For **Bed Grade**, the most significant value of **Department** is gynecology, whose respective **Bed Grade** values add up to over 277 thousand, or 76.8 % of the total.

Bed Grade is unusually high when **Department** is gynecology.

Over all **departments** and **ages**, the sum of **Bed Grade** is almost 361 thousand.

Age by Type of Admission colored by Severity of Illness

Severity of Illness
○ Extreme   ○ Minor   ● Moderate

Details

The total number of results for **Age** is 137,057.

The most common values of **Type of Admission** are Trauma (47.7 %) and Emergency (37 %), together occurring over 116 thousand times, which is 84.7 % of the total.

The most common value of **Severity of Illness** is Moderate, occurring almost 76 thousand times, which is 55.2 % of the total.

Create +   ∧ 5/7 ∨   Scatter   Related   Compare   Analytics   Details   Fields   Properties

Bed Grade by patientid colored by Hospital_region_code

Hospital_region_code
● X   ● Y   ● Z

Details

Across all values of **Hospital_region_code**, the sum of **patientid** is over 9.0 billion.

For **patientid**, the most significant values of **Hospital_region_code** are X and Y, whose respective **patientid** values add up to over 7.2 billion, or 80.1 % of the total.

patientid ranges from almost 1.8 billion, when **Hospital_region_code** is Z, to nearly 3.8 billion, when **Hospital_region_code** is X.

patientid is unusually low when **Bed Grade** is 72,854.

There is a strong quadratic relationship between **patientid** and **Bed Grade**, being patientid = -1774139821 + 60725 * Bed Grade - 0.1607 * Bed Grade^2.

Create +   ∧ 6/7 ∨   Pie   Related   Compare   Analytics   Details   Fields   Properties

City_Code_Patient by Type of Admission

Type of Admission
○ Urgent   ○ Emergency   ○ Trauma

20,726

64,497

49,677

Details

The total number of results for **City_Code_Patient**, across all **type of admissions**, is nearly 135 thousand.

The most common values of **Type of Admission** are Trauma (47.8 %) and Emergency (36.8 %), together occurring over 114 thousand times, which is 84.6 % of the total.

The count is unusually low when **Type of Admission** is Urgent.