Task 2

DATA VISUALISATION AND STORY TELLING

Analyzed NASA Meteorite data that contains information on all of the known meteorite landings.

Used Tableau for data visualization and dashboard creation.

Presented by
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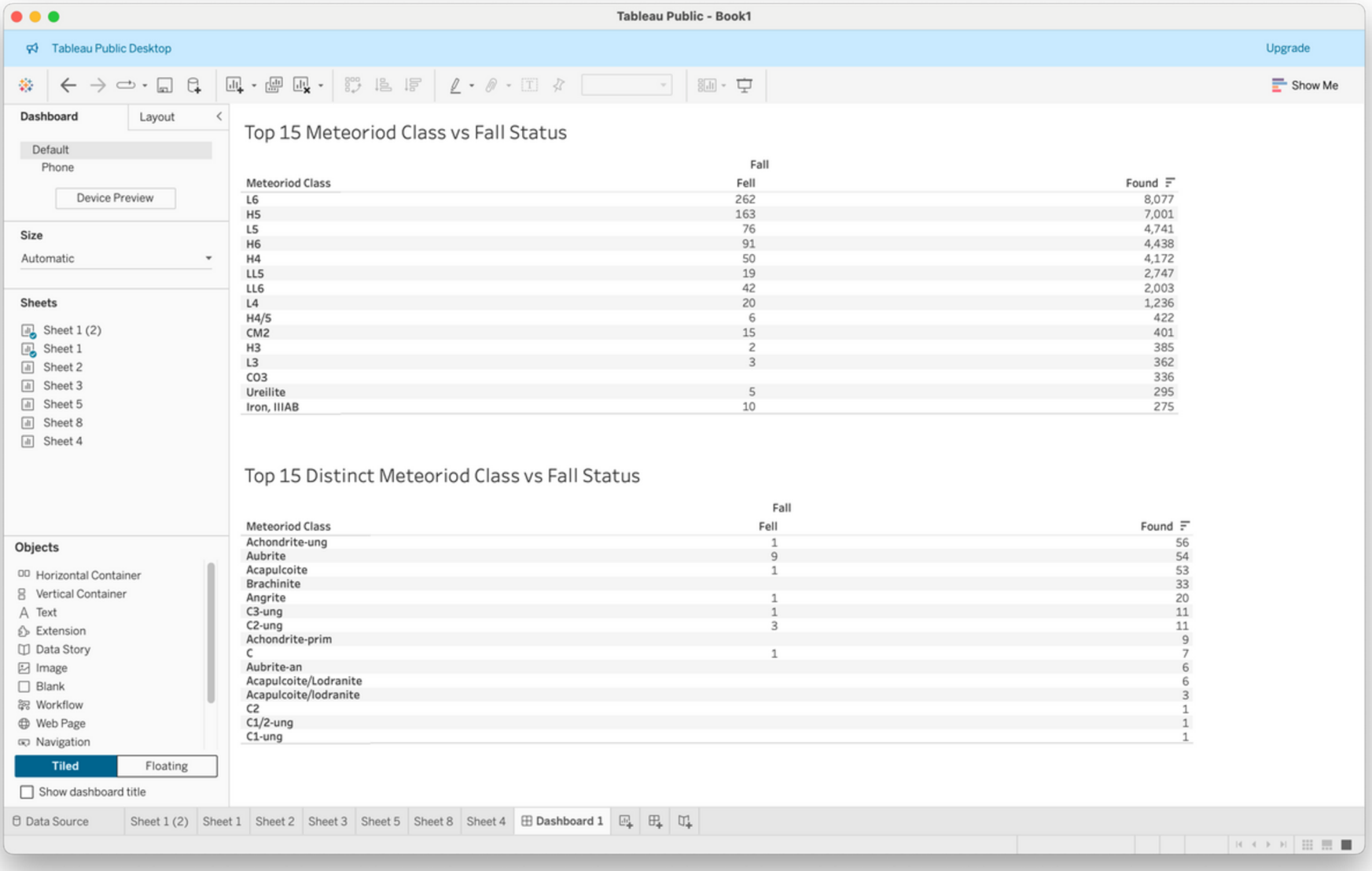
Dashboard 1 shows the Top 15 Meteoroid Classes, where they were fell or found.



Top 15 Meteoriod Class vs Fall Status

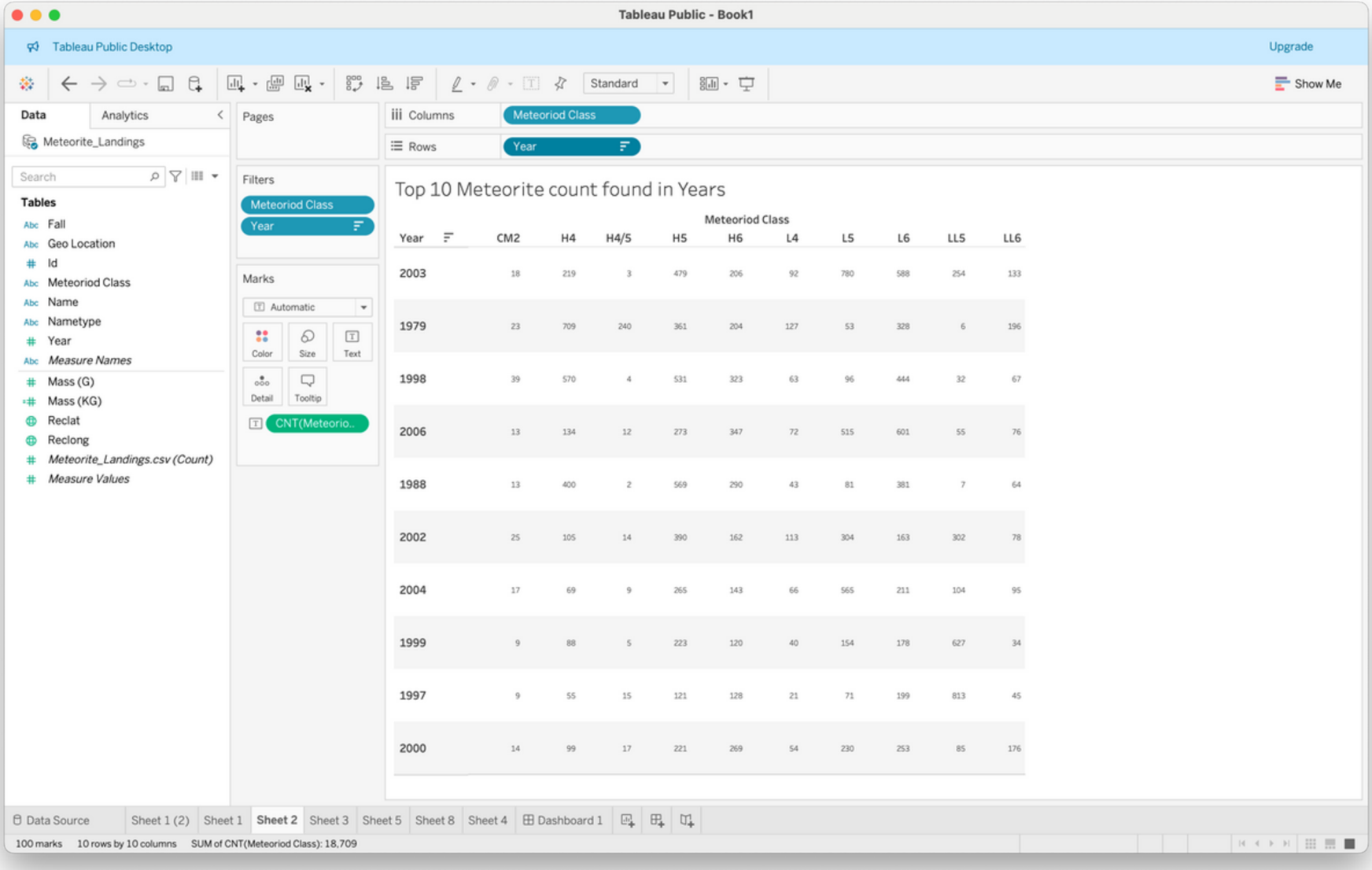
	Fall	
Meteoriod Class	Fell	Found
L6	262	8,077
H5	163	7,001
L5	76	4,741
H6	91	4,438
H4	50	4,172
LL5	19	2,747
LL6	42	2,003
L4	20	1,236
H4/5	6	422
CM2	15	401
H3	2	385
L3	3	362
CO3		336
Ureilite	5	295
Iron, IIIAB	10	275

Top 15 Distinct Meteoriod Class vs Fall Status

	Fall	
Meteoriod Class	Fell	Found
Achondrite-ung	1	56
Aubrite	9	54
Acapulcoite	1	53
Brachinite		33
Angrite	1	20
C3-ung	1	11
C2-ung	3	11
Achondrite-prim		9
C	1	7
Aubrite-an		6
Acapulcoite/Lodranite		6
Acapulcoite/lodranite		3
C2		1
C1/2-ung		1
C1-ung		1

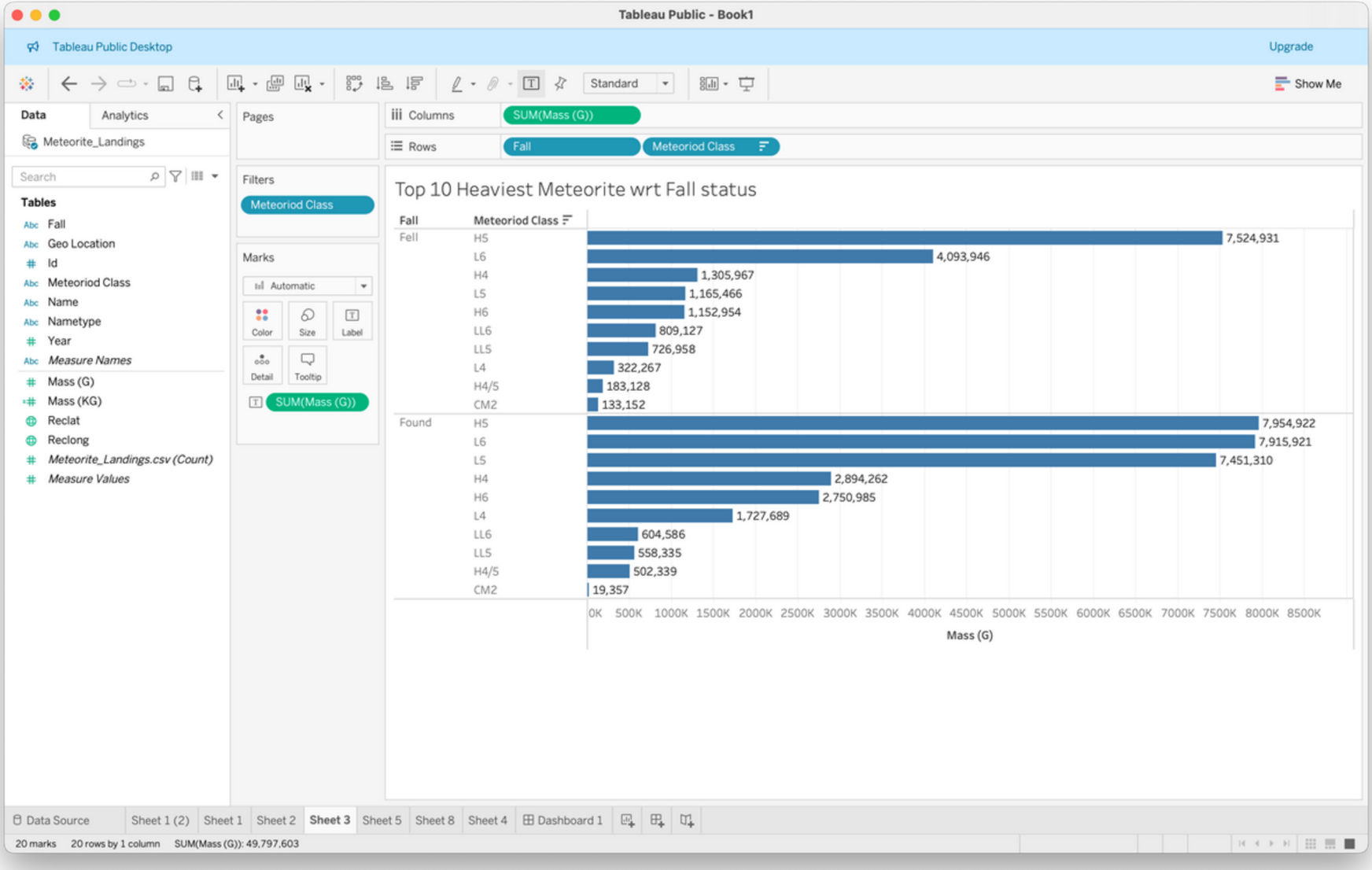
Dashboard 1

Dashboard 2 shows the Top 10 Meteoroid Classes that were found over years.



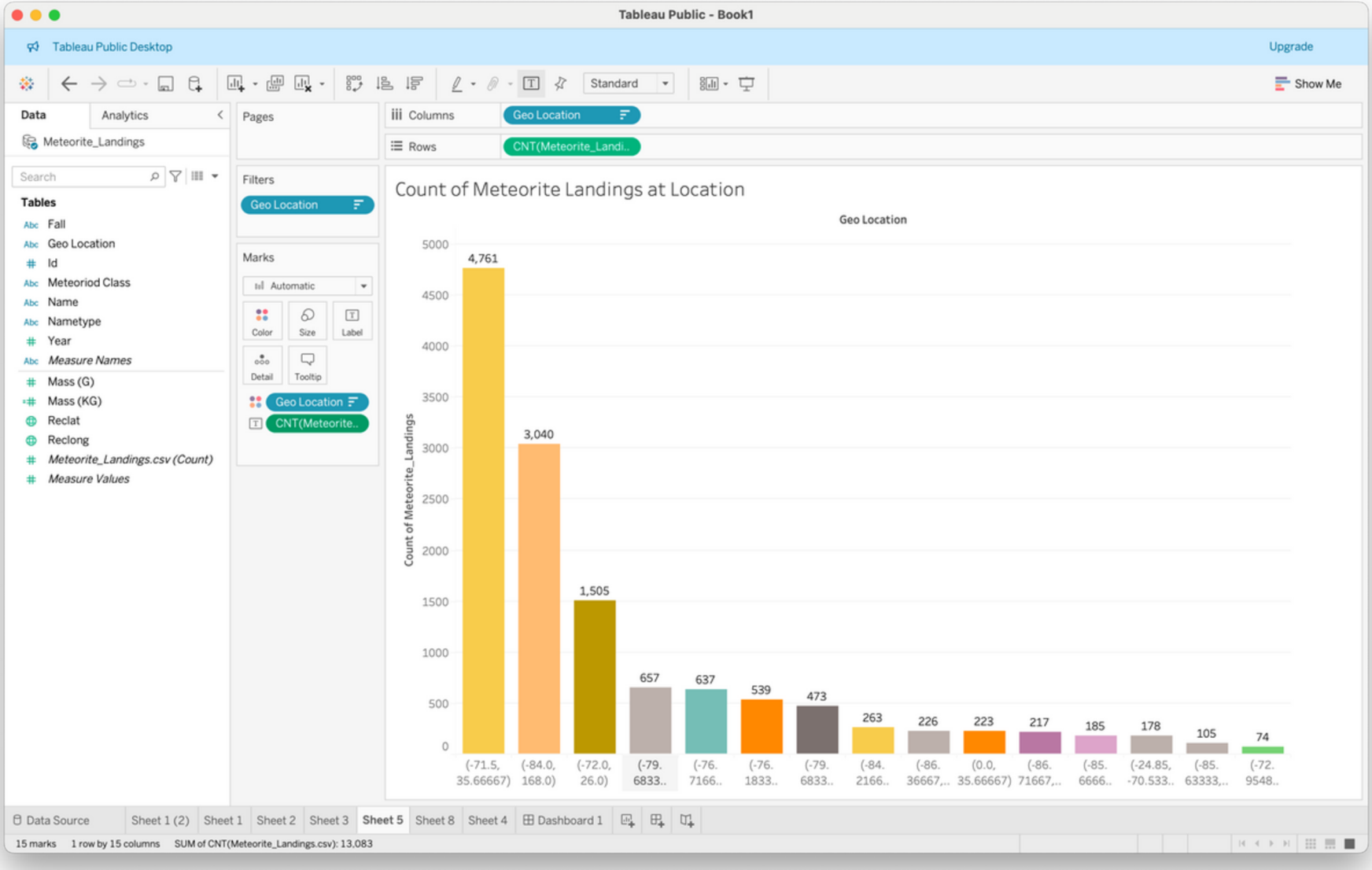
Dashboard 2

Dashboard 3 shows the mass(Grams) of the Top 10 Meteoroid Classes that were fell or found.



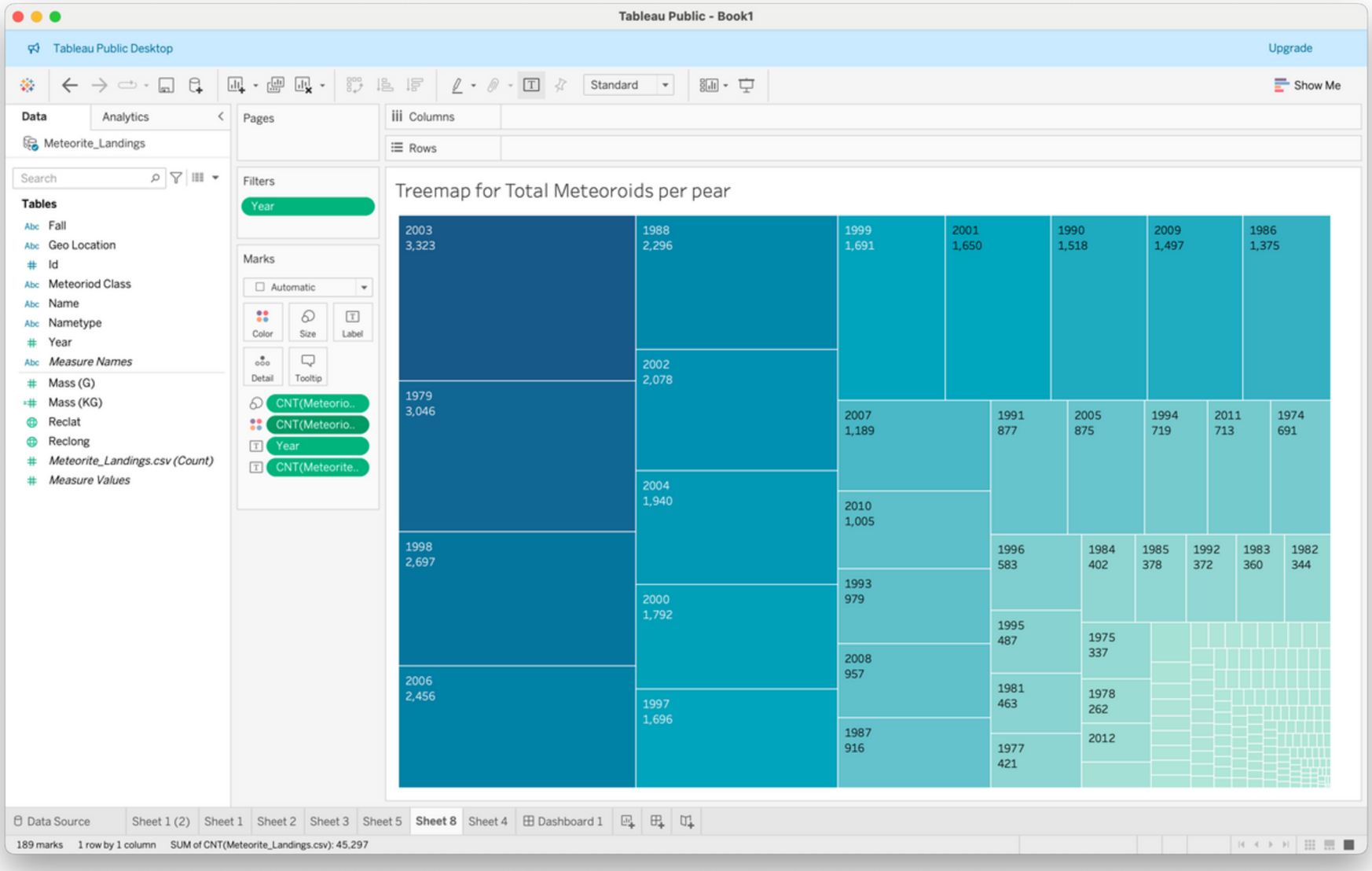
Dashboard 3

Dashboard 4 shows the count of Meteoroid Landings that were found at the Geo Location on Earth.



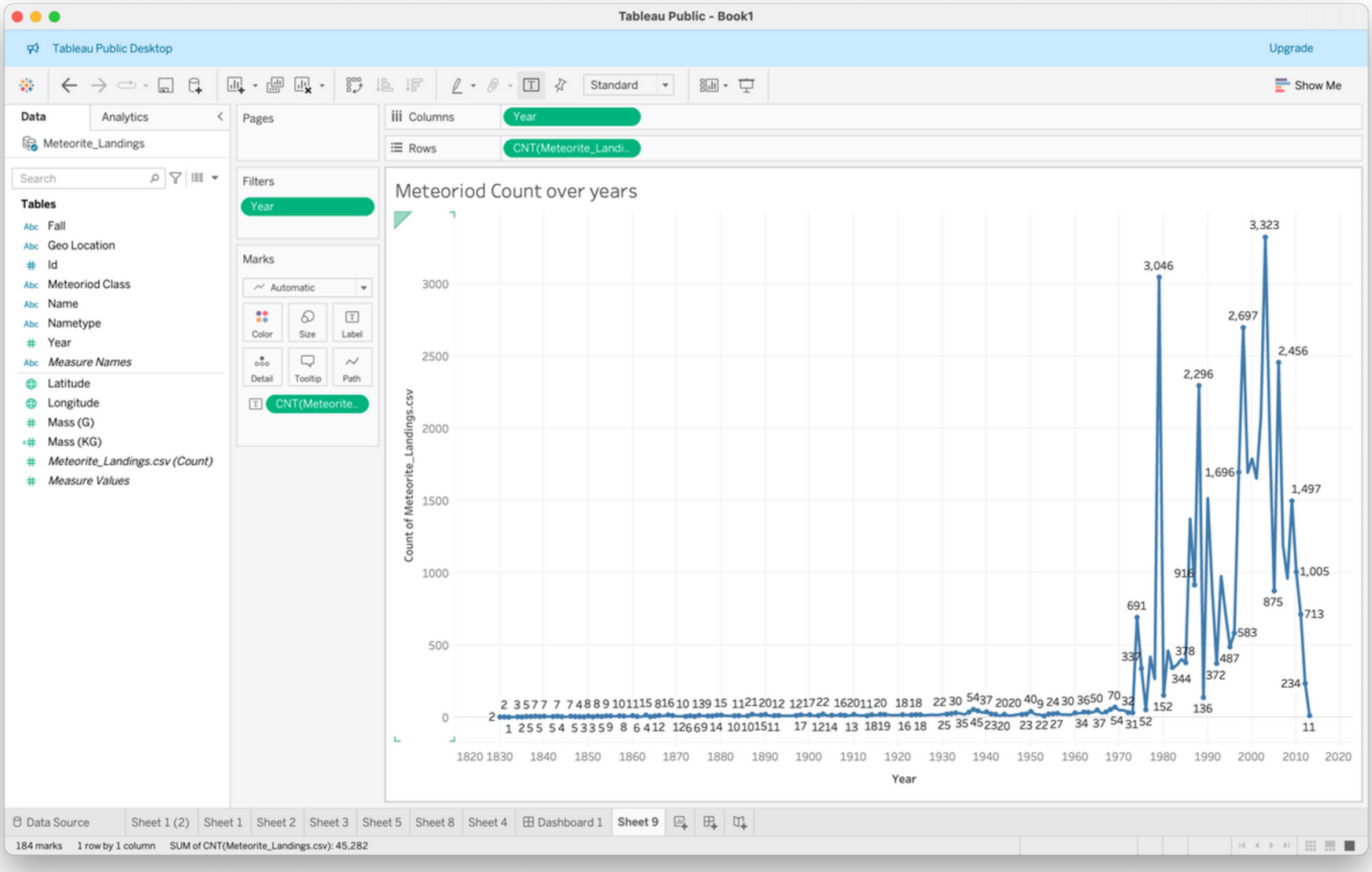
Dashboard 4

Dashboard 5 shows the Treemap of count of Meteoroids.



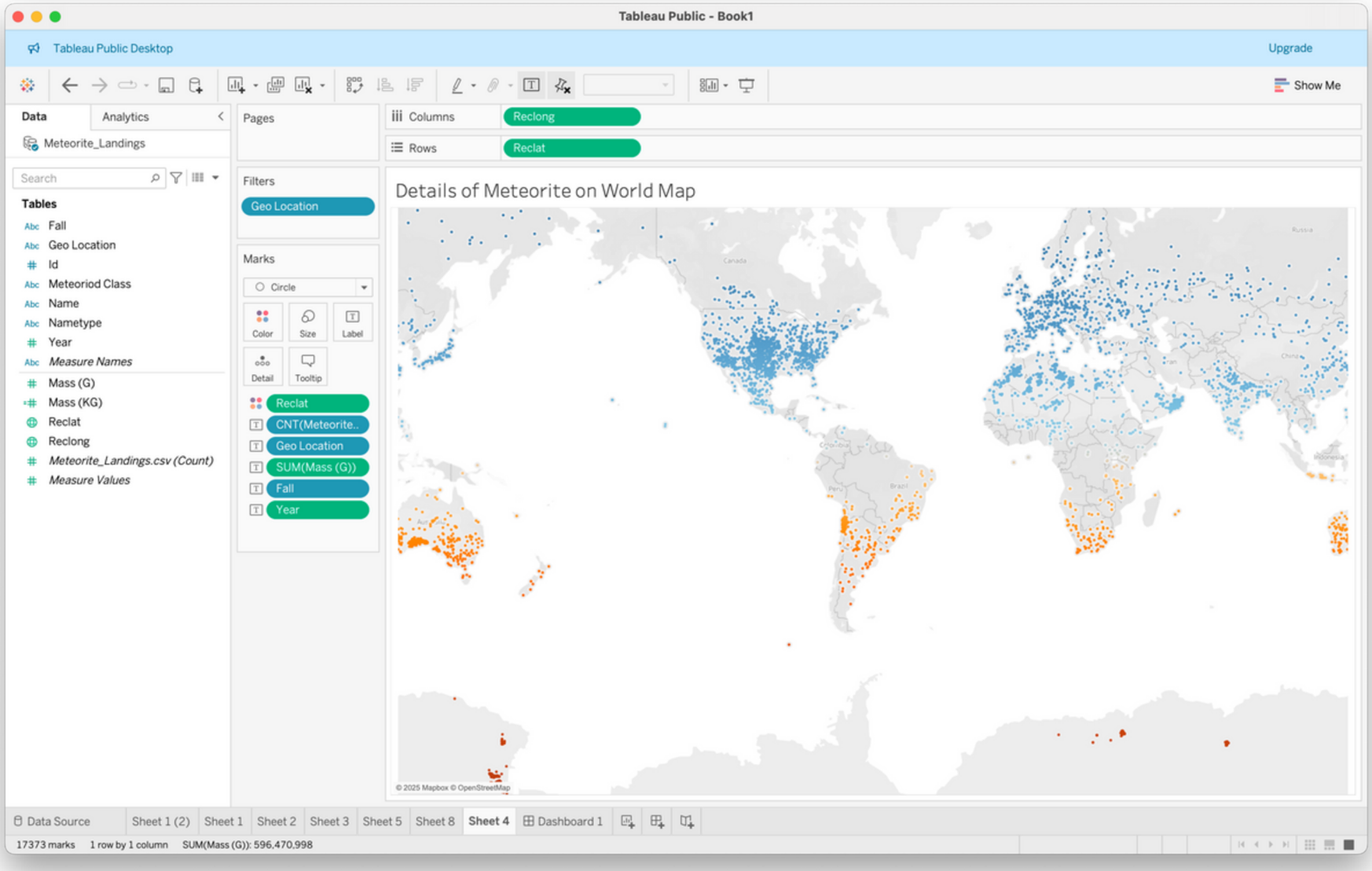
Dashboard 5

Dashboard 6 shows the count of Meteoroids over years.



Dashboard 6

Dashboard 7 shows the details of every Meteoroid that fell on or was found on Earth.



Dashboard 7

Business Insights

- Identifying the geographic areas with the highest number of meteorite landings.
- Identifying the top found Meteorite on Earth.
- Identifying the most common Meteorite classes found on Earth.
- Comparing the Meteorites that fell and that were found.
- Aggregating data based on landings statistically for museums and attractions.