

Overview

932K

Total Asteroids

2066

Hazardous Asteroids

23K

Near to Earth Asteroids

Orbit IDs by PHA

orbit_id	N	Y
1	50142	
10	26669	26
101	6	5
103	8	2
104	10	3
11	28870	37
12	29103	33
13	26814	34
14	23639	33
15	19520	41
16	15386	34
17	12259	42
18	9365	48
19	6983	45

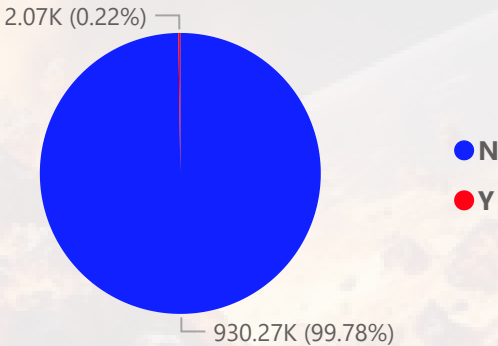
NEO and Their Hazardous Potential

neo	N	Y
N	100.00%	
Y	90.97%	9.03%

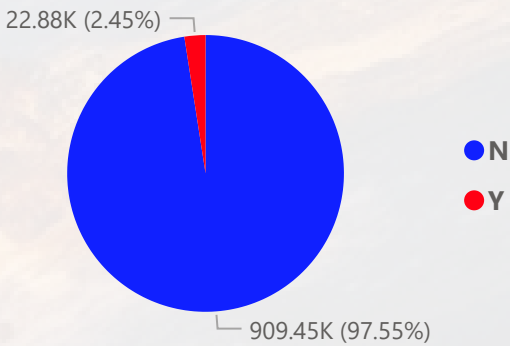
Class by PHA

class	N	Y
MBA	832650	
OMB	27170	
IMB	19702	
MCA	17789	
APO	10916	1768
AMO	8330	118
TJN	8122	
TNO	3459	
ATE	1555	174
CEN	503	
AST	57	
IEO	16	6

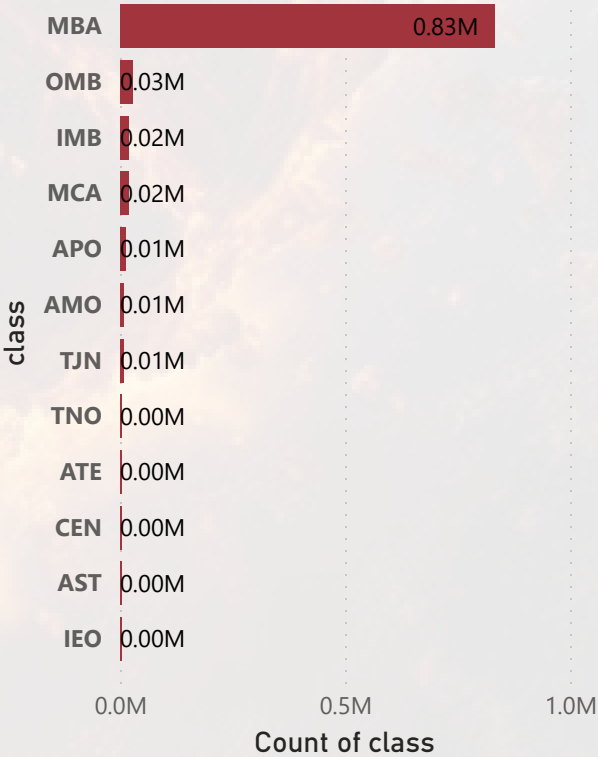
Potentially Hazardous



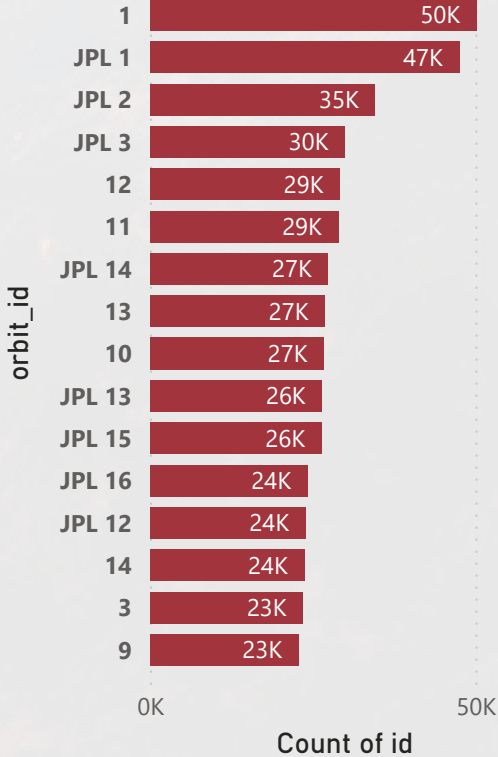
NEO Distribution



Classifications of Asteroids



Asteroids in Each Orbit ID



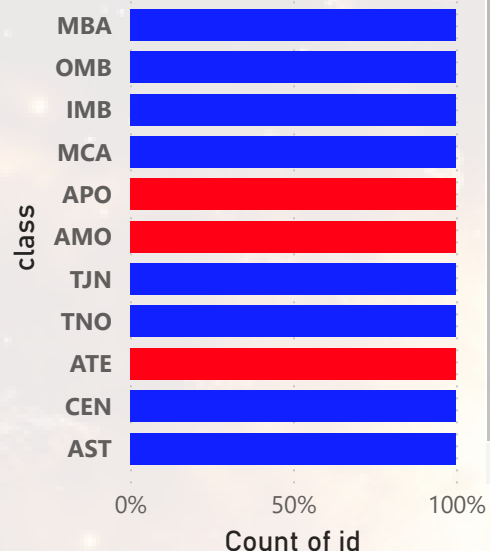
Analysis of Hazardous and Non-Hazardous Asteroids

N

Y

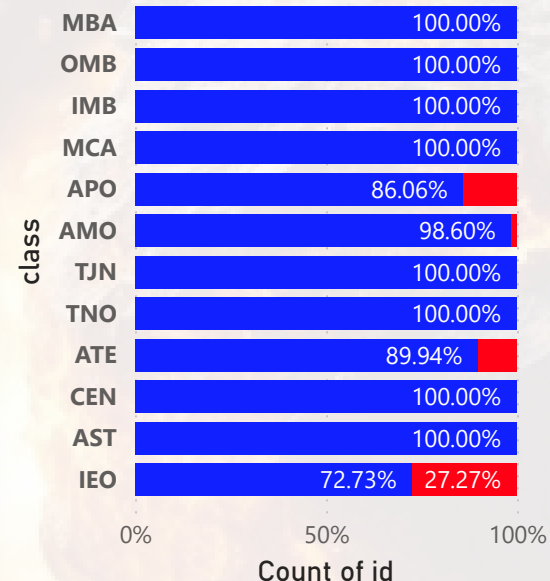
NEO Distribution in Each Class

neo ● N ● Y



PHA Distribution in Each Class

● N ● Y



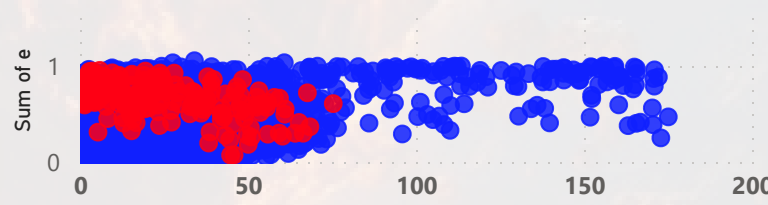
Semi-major axis(a) VS Eccentricity(e)

● N ● Y

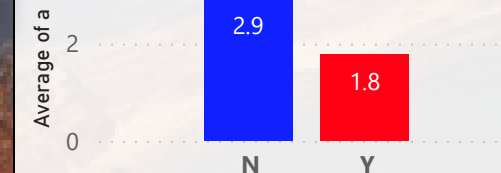


Inclination VS Eccentricity

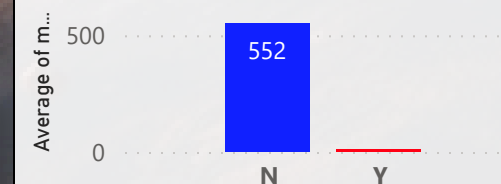
● N ● Y



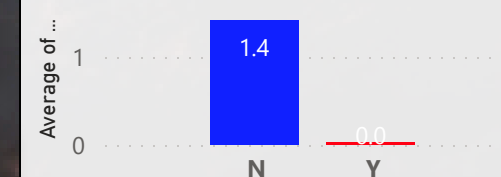
Semi-major Axis



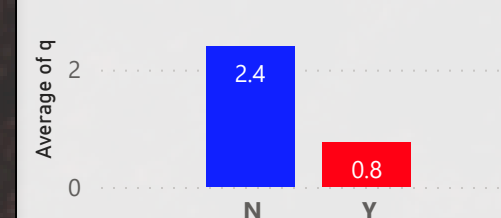
Minimum Orbit Intersection Distance in Lunar Distances



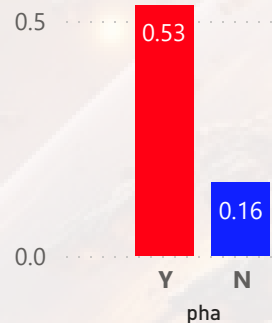
Minimum Orbit Intersection Distance



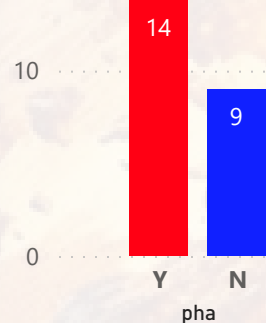
Perihelion Distance



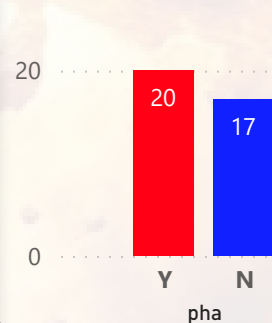
Eccentricity



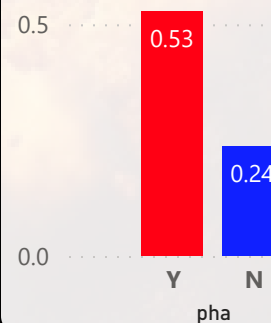
Inclination



Abs. Magnitude



Mean Motion



Aphelion Distance

