

**RSO Dataset:** A structured collection of orbital data related to Resident Space Objects (RSOs)

Table 1: RSO Data Description

Column Name	Data Type	Example
record_id	String	10436, 10445
norad_cat_id	String	23097, 28473
satellite_name	String	DELTA 1 DEB, FREGAT DEB
country	String	US, CIS, IND
approximate_orbit_type ***	String	LEO, HEO, MEO, GEO
object_type ***	String	Debris, Rocket Body, Payload
launch_year	Integer	1977, 1980
launch_site	String	PKMTR, AFETR
longitude ***	Double	-70.94856912
avg_longitude ***	Double	30.6140765
geohash ***	String	62.925556,40.577778
HRR_Category	String	Blue, Red
is_nominated	Boolean	False, True
nominated_at	Timestamp	2023-06-30T22:15:14.883Z
has_dossier	Boolean	False, True
last_updated_at	Timestamp	2023-06-30T22:15:14.883Z
justification	String	-
focused_analysis	Array	-
days_old ***	Integer	15454, 13456
conjunction_count	Long	0, 12
is_unk_object	Boolean	False, True

\*\*\* indicates potentially important features for data integration