⑂ master ⌄ **graphic-detail-data** / data / **2018-10-20_space-launches** / ···

futuraprime Missing file in readme and fixed typo. ··· on Feb 1, 2019 ⟲ History

..

📄 Data processing.ipynb		2 years ago
📄 README.md		2 years ago
📄 agencies.csv		2 years ago
📄 launches.csv		2 years ago

README.md

Space launches

These are the data behind the "space launches" article, The space race is dominated by new contenders.

Principal data came from the Jonathan McDowell's JSR Launch Vehicle Database, available online at http://www.planet4589.org/space/lvdb/index.html.

Data files can be downloaded and processed through the included R/Jupyter script, `Data processing.ipynb`.

Data files

File	Description	Source
launches	Successful and failed space launches	Jonathan McDowell

File	Description	Source
agencies	Space launch providers	Jonathan McDowell; *The Economist*

Codebook

launches

variable	definition
tag	Harvard or COSPAR id of launch
JD	Julian Date of launch
launch_date	date of launch
launch_year	year of launch
type	type of launch vehicle
variant	variant of launch vehicle
mission	
agency	launching agency
state_code	launching agency's state
category	success (O) or failure (F)
agency_type	type of agency

agencies

variable	definition
agency	org phase code
count	number of launches
ucode	org Ucode
state_code	responsible state
type	type of org

variable	definition
class	class of org
tstart	org/phase founding date
tstop	org/phase ending date
short_name	short name
name	full name
location	plain english location
longitude	
latitude	
error	uncertainty in long/lat
parent	parent org
short_english_name	english short name
english_name	english full name
unicode_name	unicode full name
agency_type	type of agency