



Meteorite Landings Visualization

INFO 480

Intro to Data Science

Abhiroop Das

Interest



Data

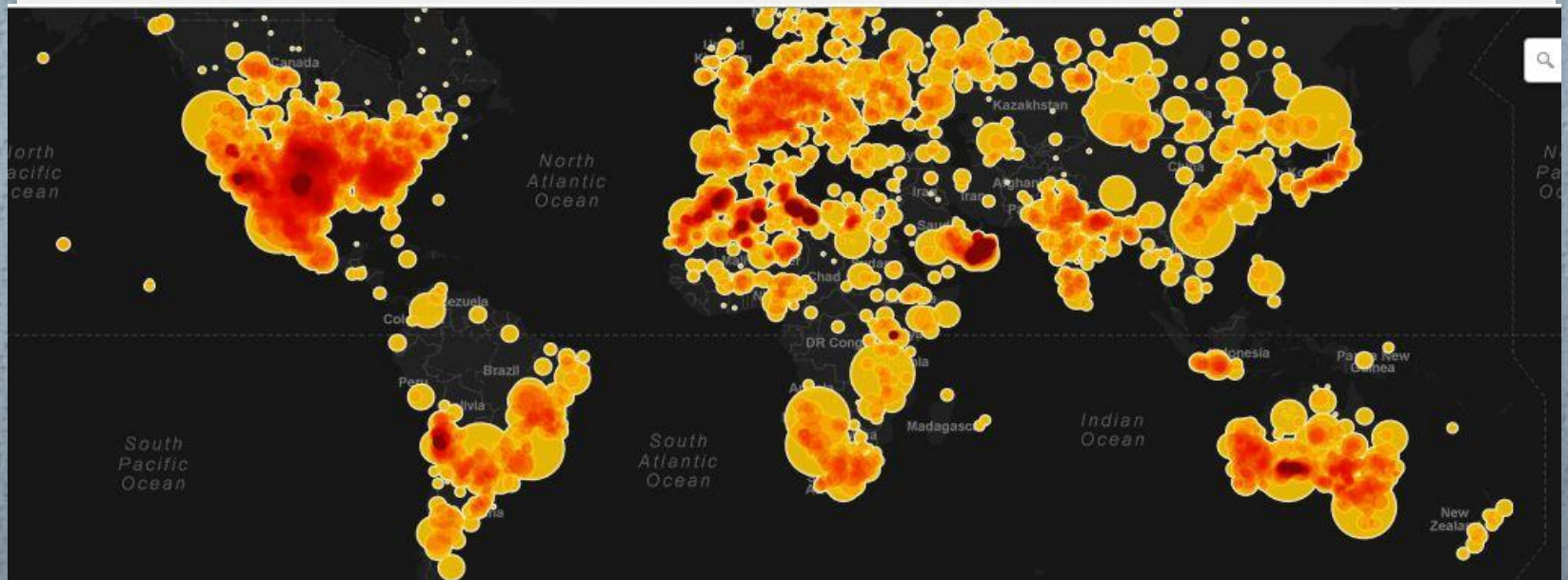
F19 http://www.lpi.usra.edu/meteor/metbull.php?code=4264													
A	B	C	D	E	F	G	H	I	J	K	L	M	N
place	type_of_metr	mass_g	fell_found	year	database	coordinate_1	coordinates	cartodb_id	created_at	updated_at	year_date	longitude	latitude
Ur	Iron		0 Found		-2500 http://www.lpi.usra.edu/meteor/metbull.php?code=24125	30.9	46.01667	34242	2/15/2013 20:56	2/15/2013 21:04		46.01667	30.9
A-881561	H4	836.87	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4270	-72	26	4141	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
Wietrzo-Bohrka	Iron	376	Found		-600 http://www.lpi.usra.edu/meteor/metbull.php?code=24259	49.41667	21.7	6037	2/15/2013 20:56	2/15/2013 21:04		21.7	49.41667
A-881448	H4	341.27	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4157	-72	26	6340	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-881813	L6	296.96	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4522	-72	26	6753	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-881637	L3	195.62	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4346	-72	26	8147	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-881993	L6	144.89	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4702	-72	26	9211	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-881363	L4	105.42	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4072	-72	26	10471	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-9034	L6	75.15	Found		1990 http://www.lpi.usra.edu/meteor/metbull.php?code=4867	-72	26	11885	2/15/2013 20:56	2/15/2013 21:11	1/1/1990 0:00	26	-72
A-881246	H4	57.07	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=3955	-72	26	13071	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-87025	H4	53.52	Found		1987 http://www.lpi.usra.edu/meteor/metbull.php?code=2382	-72	26	13361	2/15/2013 20:56	2/15/2013 21:11	1/1/1987 0:00	26	-72
A-881064	L6	53.29	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=3773	-72	26	13387	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-87119	L5	39.19	Found		1987 http://www.lpi.usra.edu/meteor/metbull.php?code=2476	-72	26	14831	2/15/2013 20:56	2/15/2013 21:11	1/1/1987 0:00	26	-72
A-87208	H5	37.65	Found		1987 http://www.lpi.usra.edu/meteor/metbull.php?code=2565	-72	26	15018	2/15/2013 20:56	2/15/2013 21:11	1/1/1987 0:00	26	-72
A-880742	H4	37.14	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=3451	-72	26	15082	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-881998	H4	33.47	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4707	-72	26	15597	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-87139	L6	29.69	Found		1987 http://www.lpi.usra.edu/meteor/metbull.php?code=2496	-72	26	16195	2/15/2013 20:56	2/15/2013 21:11	1/1/1987 0:00	26	-72
A-881555	LL6	27.34	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4264	-72	26	16606	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-881432	LL6	22.82	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4141	-72	26	17575	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-880969	H6	16.62	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=3678	-72	26	19356	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-87122	Eucrite	15.9	Found		1987 http://www.lpi.usra.edu/meteor/metbull.php?code=2745	-72	26	19583	2/15/2013 20:56	2/15/2013 21:11	1/1/1987 0:00	26	-72
A-880036	L6	14.34	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=2745	-72	26	20155	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-881366	L6	13.33	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4075	-72	26	20588	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-880755	H4	11.9	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=3464	-72	26	21244	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
A-881752	H5	10.57	Found		1988 http://www.lpi.usra.edu/meteor/metbull.php?code=4461	-72	26	21940	2/15/2013 20:56	2/15/2013 21:11	1/1/1988 0:00	26	-72
QUE97109	LL5	2.7	Found		1997 http://www.lpi.usra.edu/meteor/metbull.php?code=20567	-84	168	28920	2/15/2013 20:56	2/15/2013 21:11	1/1/1997 0:00	168	-84
Havana	Iron, IAB com	0	Found		-300 http://www.lpi.usra.edu/meteor/metbull.php?code=11857	40.33333	-90.05	34243	2/15/2013 20:56	2/15/2013 21:04		-90.05	40.33333
Lucania	Doubtful Iron	0	Fall		-56 http://www.lpi.usra.edu/meteor/metbull.php?code=14723	40.5	16	34244	2/15/2013 20:56	2/15/2013 21:04		16	40.5
Angers	L6	0	Fall		1822 http://www.lpi.usra.edu/meteor/metbull.php?code=2301	47.46667	-0.55	34310	2/15/2013 20:56	2/15/2013 21:11	1822-01-01 00:00	-0.55	47.46667
Itapuranga	Iron, IAB-MG	628000	Found		http://www.lpi.usra.edu/meteor/metbull.php?code=12057	-15.58333	-50.15	68	2/15/2013 20:56	2/15/2013 21:11		-50.15	-15.58333
Guxi	Iron, IIIAB	220000	Found		http://www.lpi.usra.edu/meteor/metbull.php?code=11446	28.28333	117.18333	149	2/15/2013 20:56	2/15/2013 21:11		117.18333	28.28333
Moshesh	H	200000	Found		http://www.lpi.usra.edu/meteor/metbull.php?code=16756	-30.1	28.71667	163	2/15/2013 20:56	2/15/2013 21:11		28.71667	-30.1
Camp Wood	Iron, IIIAB	148000	Found		http://www.lpi.usra.edu/meteor/metbull.php?code=51830	29.7725	-99.875	200	2/15/2013 20:56	2/15/2013 21:11		-99.875	29.7725

<https://www.dropbox.com/s/2e9tz7ngte2stcb/meteors.xlsx>

Data Fields

- o Place
- o Type of Metal
- o Mass (grams)
- o Fell (and found)
- o Year
- o Database
- o Coordinates
- o Record created
- o Lat and Long

Visualization



<http://osm2.cartodb.com/tables/2320/public#/map>

Alternate Visualization

Average mass of meteorites by year



150g

2010



190g

2011



235g

2012



128g

2013

