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1-st year master's MCM

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our *future*





Air Pollution is not a joke
Air Pollution will make you choke

Dataset

Kaggle, a subsidiary of Google LLC, is an online community of data scientists and machine learning practitioners. Kaggle allows users to find and publish data sets, explore and build models in a web-based data-science environment, work with other data scientists and machine learning engineers, and enter competitions to solve data science challenges.

The screenshot shows the Kaggle user profile for 'YanLeen'. The profile includes a profile picture of a duck, the name 'YanLeen', and links to add occupation, organization, and location. It also shows the user joined 6 hours ago and was last seen in the past day. Below the profile, there are tabs for Home, Competitions, Datasets, Code, Discussion, Followers, Notifications, and Account. A prominent 'Edit Public Profile' button is located at the top right of the main content area. The main content area displays four sections: Competitions Novice (Unranked), Datasets Novice (Unranked), Notebooks Novice (Unranked), and Discussion Novice (Unranked). Each section shows three small circular icons with the number '0' below them. At the bottom, there is a bio section with a placeholder 'Click to add bio...' and an 'Edit' button.



This dataset deals with air pollution measurement information in Seoul, South Korea.

Seoul Metropolitan Government provides many public data, including air pollution information, through the 'Open Data Plaza'

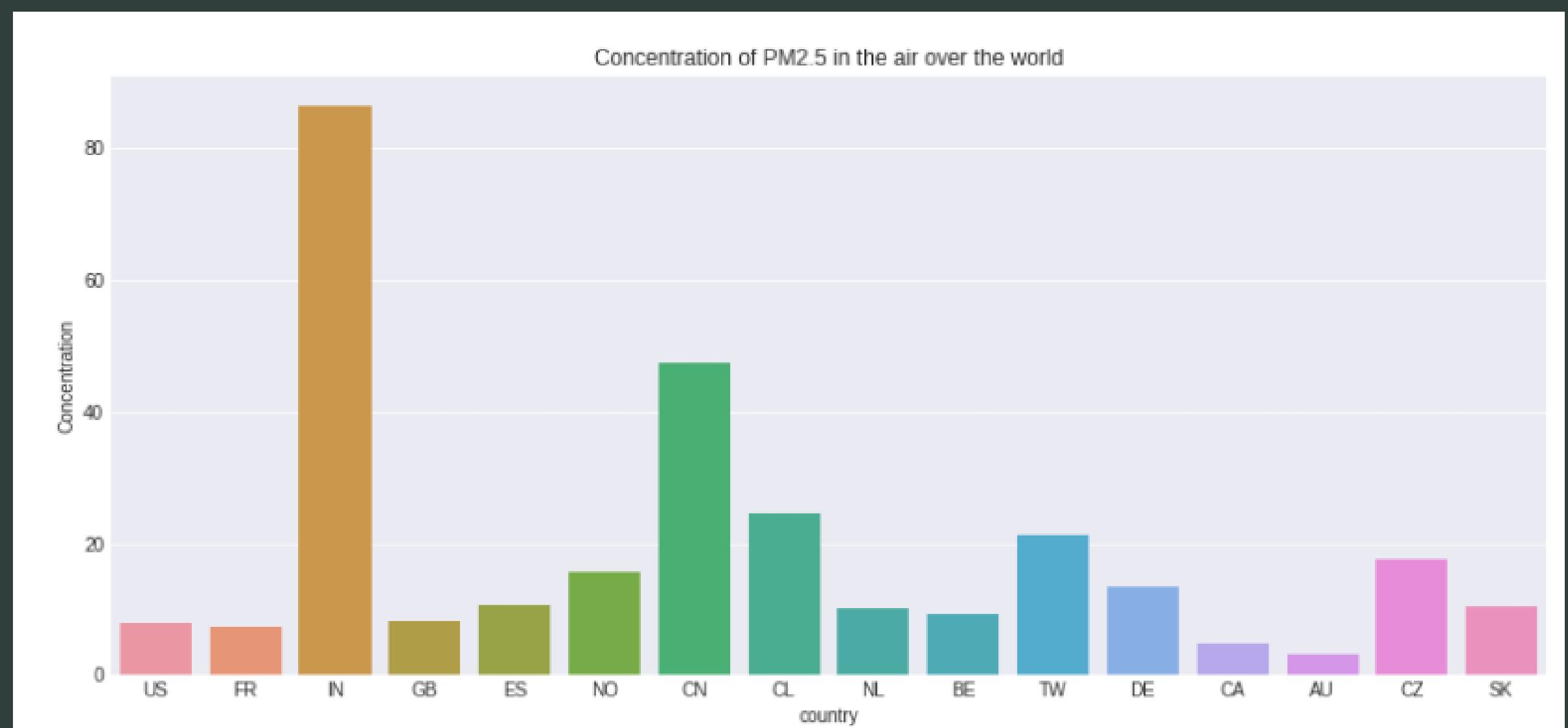
I made a structured dataset by collecting and adjusting various air pollution related datasets provided by the Seoul Metropolitan Government
@author of dataset

Summary  28 columns

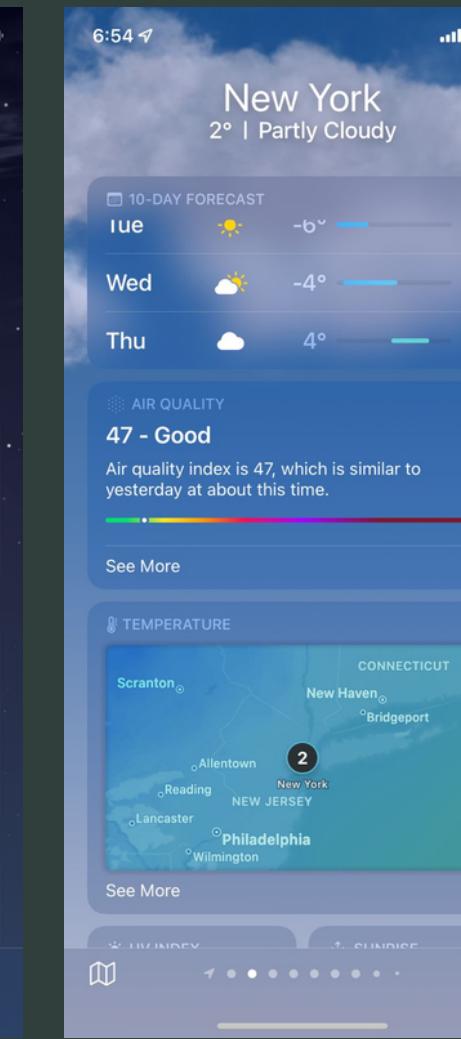
Measurement date	Station code	Address	Latitude	Longitude	#
03/22/2015 - 04/13/2015 Count: 13,150	Measuring station code	Address of measuring station	Latitude of address	Longitude of address	Sc
1Jan17 1Jan20 2017-01-01 00:00	101 125	369, Yongmasan-ro... 4% 71, Gangseo-ro 45d... 4% Other (595699) 92% 19, Jong-ro 35ga-gil, Jongno-gu, Seoul, Republic of Korea	37.5 37.7	126.85 - 126.86 Count: 25,904	-1
2017-01-01 07:00	101	19, Jong-ro 35ga-gil, Jongno-gu, Seoul, Republic of Korea	37.5720164	127.0050075	0.
2017-01-01 08:00	101	19, Jong-ro 35ga-gil, Jongno-gu, Seoul, Republic of Korea	37.5720164	127.0050075	0.
2017-01-01 09:00	101	19, Jong-ro 35ga-gil, Jongno-gu, Seoul, Republic of Korea	37.5720164	127.0050075	0.
2017-01-01 10:00	101	19, Jong-ro 35ga-gil, Jongno-gu, Seoul, Republic of Korea	37.5720164	127.0050075	0.
2017-01-01 11:00	101	19, Jong-ro 35ga-gil, Jongno-gu,	37.5720164	127.0050075	0.

Our future depends on it.

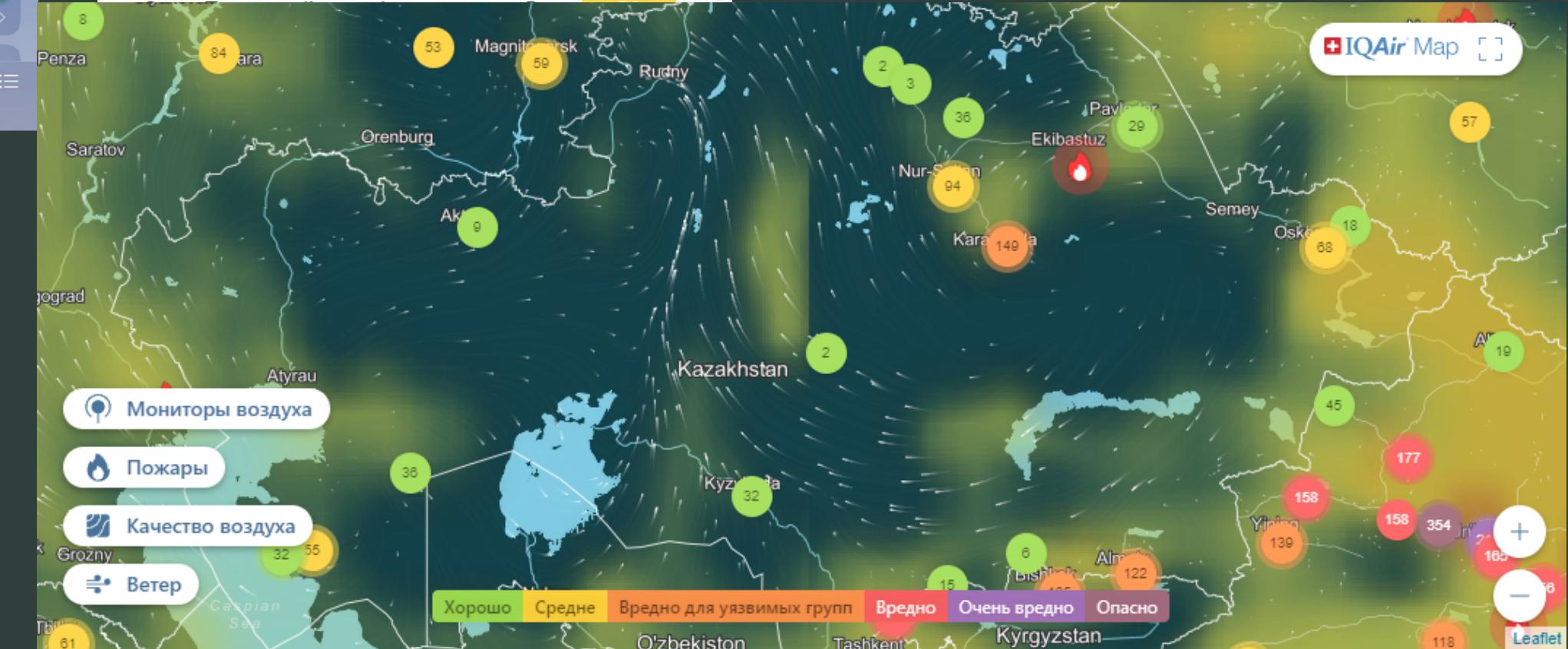
	country	nbmeasures	pollutant
2	US	1	o3
5	US	1	no2
112	US	16	bc
137	US	282	pm10
162	US	816	pm25



the most polluted air in 2018 is in India (IN)
Australia seems to have the cleanest air, followed by Canada and the US



РЕЙТИНГ ГОРОДОВ ПО КАЧЕСТВУ ВОЗДУХА В РЕАЛЬНОМ ВРЕМЕНИ		
#	CITY	AQI США
1	Шымкент, Туркестанская область	168
2	Караганда, Карагандинская обл...	164
3	Темиртау, Карагандинская обла...	162
4	Алматы, Алматы	150
5	Бурундарай, Алматинская Область	91





Thank
you

