This data dictionary describes the structure of a combined dataset integrating hourly weather observations from the Open-Meteo API with New York City For-Hire Vehicle (FHV) ride counts for the year 2023. Each record corresponds to a specific hour and location, covering the five New York City boroughs as well as the EWR (Newark Airport) zone. The dataset combines meteorological variables—temperature, precipitation, snowfall, rain, and wind speed—with corresponding FHV ride counts. The dictionary defines each column's data type, format, and units to ensure consistent interpretation when analyzing relationships between weather conditions and ride activity across all covered areas.

Variable	Data Type	Unit	Description	Example(s)
borough	string		NYC borough name (+ EWR)	Manhattan, Queens, Bronx, Brooklyn, Staten Island, EWR
date	date		Date of when passenger requested to be picked up (format: YYYY-MM-DD)	2023-01-23
timestamp_hour	datetime		Timestamp of when passenger requested to be picked up (format: YYYY-MM-DDTHH:MM:SS.ssssss)	2023-01-01 12:00:00
ride_count	integer		Aggregated ride count in borough by hour	145
temperature_2m	float	Celsius	Air temperature at 2 meters above ground (°C)	9.56
precipitation	float	mm	Total precipitation (mm) during the hour	0
snowfall	float	mm	Snowfall amount (mm)	0
rain	float	mm	Rain amount (mm)	0
wind_speed_10m	float	km/h	Wind speed at 10 meters above ground	3.5