

Task 1

Imagine you are already working as a DiDi operations intern and you have been asked to perform some data analysis on 3 cities; Riyadh, Munich and Panama City. The goal is to help your team to better understand the current situation in each city so that we can better plan and execute strategies that will yield better operational results. Specifically, your team want to know;

1. What is the Driver ID of the driver who has completed the most trips?
 - The Driver ID with the most trips is: 8470311935249
 - The number of trips this driver has completed: 3313
2. Which city has the highest average trips per Driver?
 - The city with the highest average trips per Driver is Riyadh, with about 202.53 average trips per Driver.
3. Which month had the 3rd lowest number of signups in Munich?
 - The month with the 3rd lowest number of signups in Munich is the 9th month, which is September.
4. Which city has the fastest average time for a driver to complete the funnel?
 - The city with the fastest average time for a driver to complete the funnel is Riyadh, and the average time it takes to complete the funnel in that city is about 14.04 days.
 - In order to obtain this metric, I ran on the assumption that each preceding stage in the onboarding process must first be completed before moving to the next.
5. On average, how many days did it take to go from Regular to Bind Car for a 'Driver from fleet', in Panama City, during 2021?
 - The average number of days it took to go from Regular to Bind Car for a 'Driver from fleet', in Panama City, during 2021 is about 6.8 days (**approximately 7 days**).
 - During the analysis, I filtered out rows where the Bind Car status was achieved before Regular.