

# **Analysis Report Deliveries Completed on Delivery Platform**

Data Analysis Visualization using Tableau

**Angela Vargas**

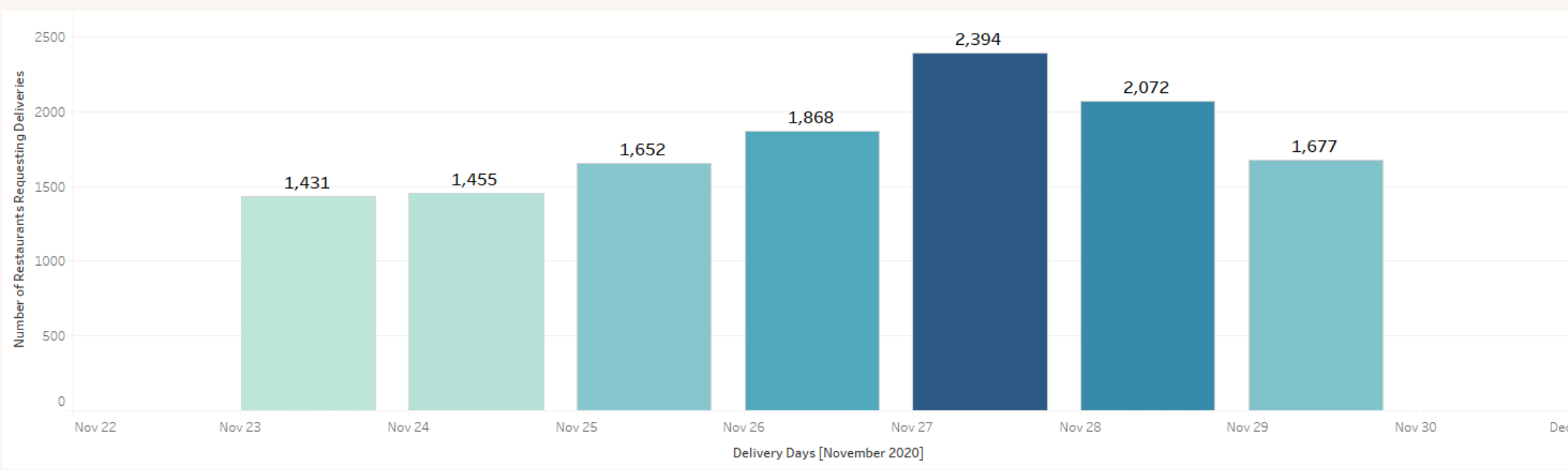
Feb 3, 2025

Report Summary Deliveries Completed on Delivery Platform (From Nov 23 to Nov 29 2020)

Total Number Restaurants	Total Number of Couriers	Total Number of Orders	Median Time Sec Courier Held by Customer	Median Time Sec Courier Held by Restaurant	AVG Time in Minutes to Complete a Delivery by Day						
182	389	12,549	-8.000	17.00	Delivery Date 2020 Q4 November						
					23	24	25	26	27	28	29
					27.40	26.74	26.59	28.38	29.63	29.04	27.61

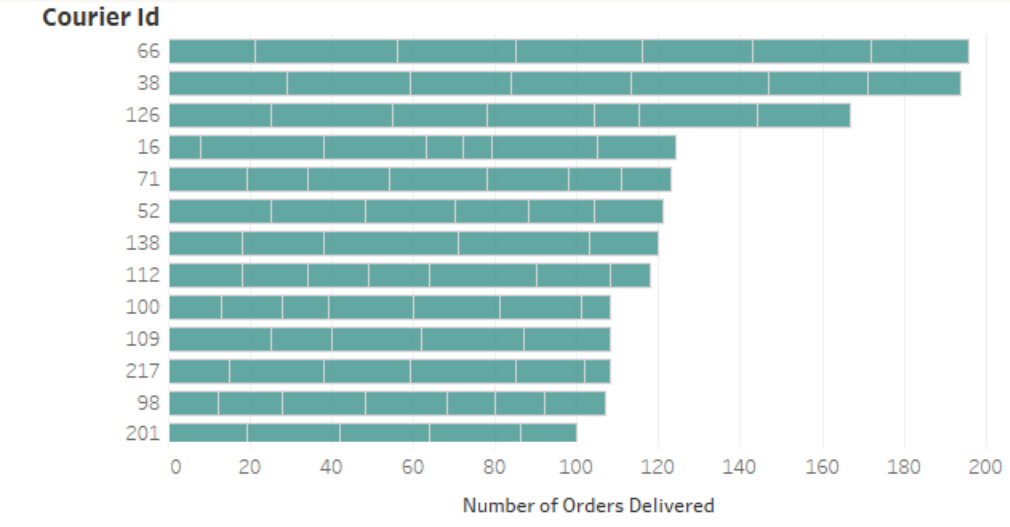
AVG Time Minutes Difference Delivery Expected Completed and Delivery Completed by Day							AVG Time Minutes Difference Currier Expected Arrival to Restaurant and Courier Arrived by Day						
Delivery Date							Delivery Date						
23	24	25	26	27	28	29	23	24	25	26	27	28	29
5.39	5.12	5.23	5.71	5.46	5.25	4.51	-0.33	-0.67	-0.93	-0.67	-0.93	-0.94	-1.18

Deliveries Requests by Restaurants Partners Using Platform During Dateframe by Day

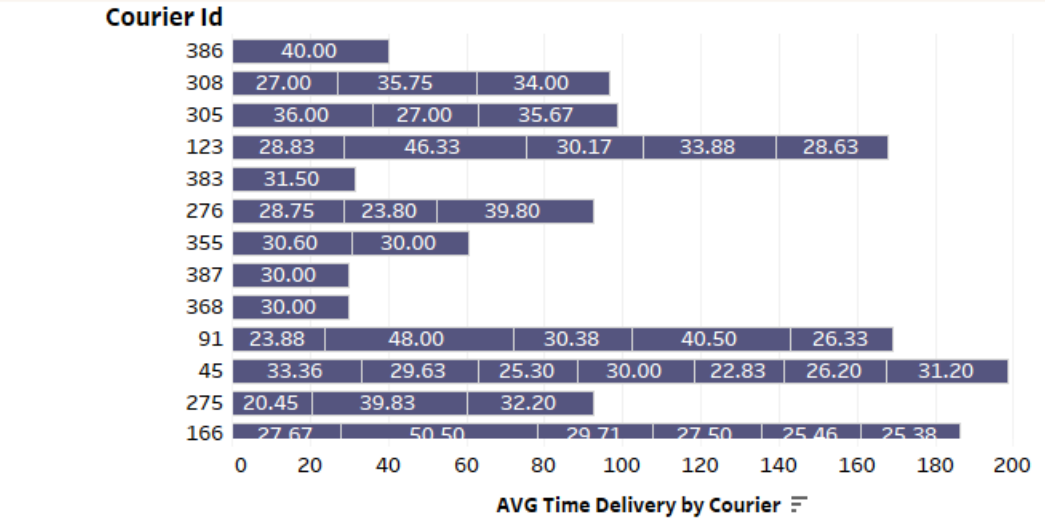


Report Courier Participation for Deliveries Completed on Delivery Platform

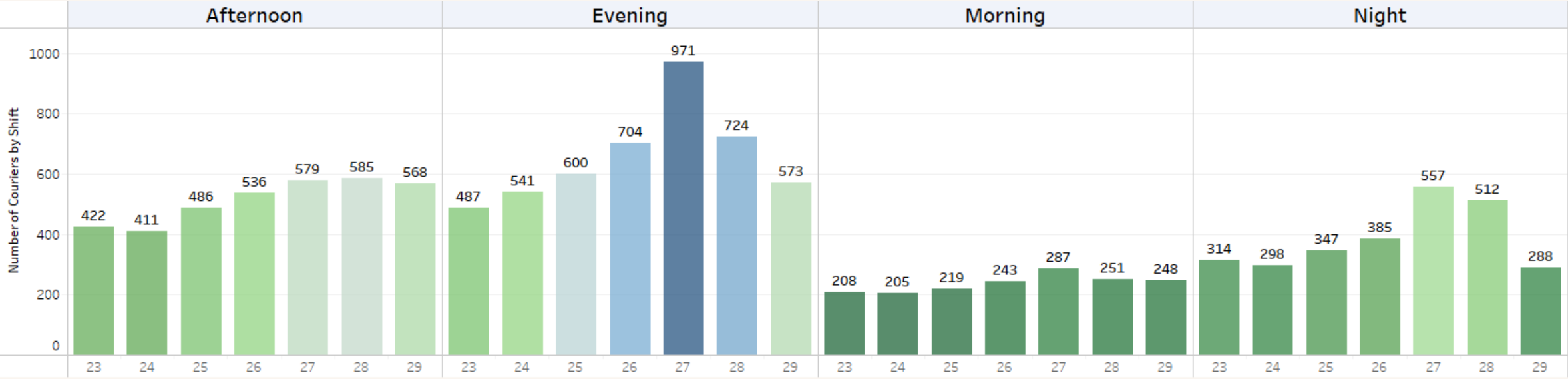
Couriers Proportion from Higher to Lower of Total Number Deliveries from Nov 23 to Nov 28 (7days)



AVG Time in Minutes to Complete a Delivery by Courier From Higher to Lower Times once Courier Accepted by Day

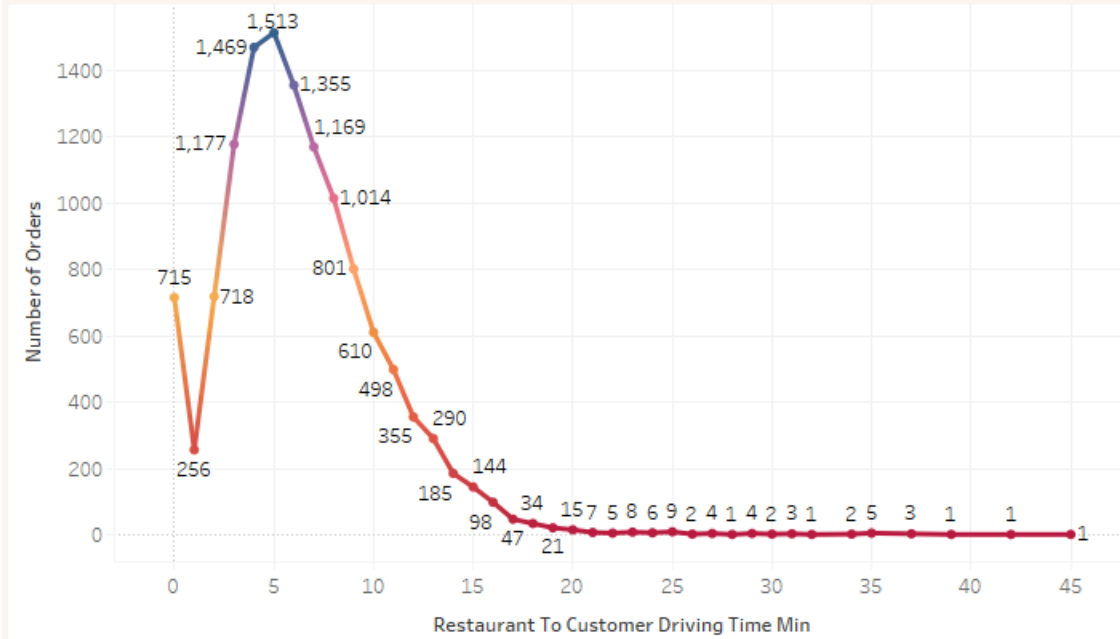


Distribution of Couriers by Day and Frame from Nov 23 to Nov 29

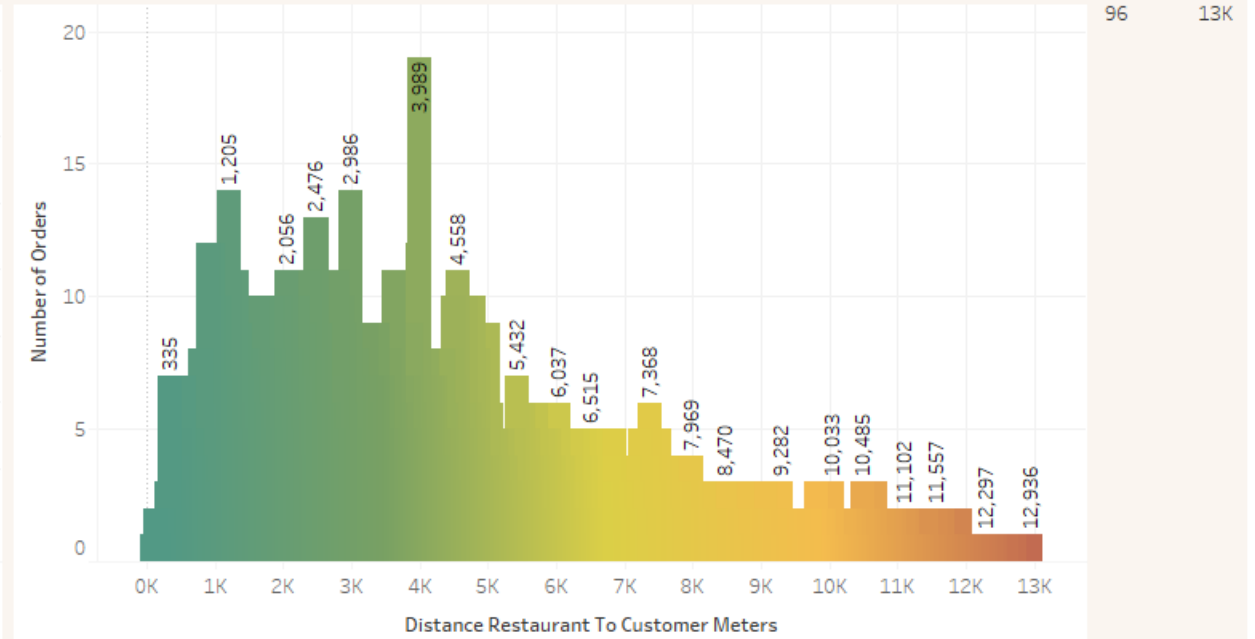


# Report Driving Time and Distance for Deliveries Completed on Delivery Platform

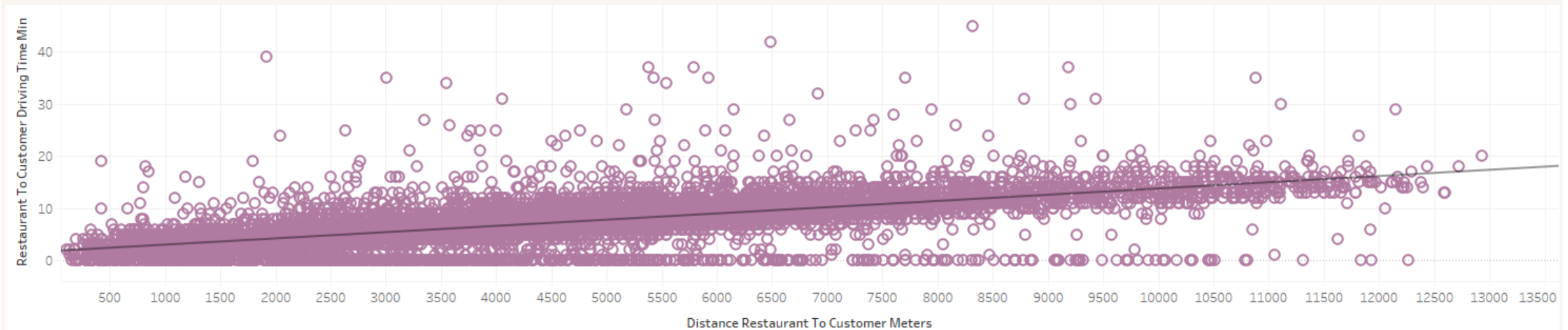
## Number of Orders by Driving Time From Restaurant to Customer



## Number of Orders by Distance From Restaurant to Customer



## Correlation Between Restaurant to Customer Driving Time (min) and Distance from Restaurant to Customer (meters)



# Findings and Recommendations

- Analyzing the dataset provided, the following are some conclusions and recommendations:
- Dataset dates from November 23 to November 28 (7 days)
  - Nov 27 had the higher number of requests from restaurants requiring deliveries with 2394.
- Each day has a similar average time to complete a delivery.
- There is not time where courier is held by the customer.
- The restaurants have frequently held the driver by 17 seconds.
- Identify a workload balance for drivers:
  - During this timeframe the higher number of deliveries were completed between 2 drivers with 196 and 194 each.
- Higher times for 1 driver to deliver the order once they accepted with 40 minutes.
- There is a positive correlation between restaurant to customer driving time and restaurant to customer distance.
  - There are 715 orders with 0 times of delivery while 1513 orders with 5 minutes of driving time, and about 39 orders with times between 25 and 45 minutes.
  - Higher distance for 1 order to be delivered is 12,936 meters, and the lower distance is 96 meters.
- Couriers arriving less than one minute earlier to the restaurant.
- Completion of deliveries are in average 5 minutes late than expected.