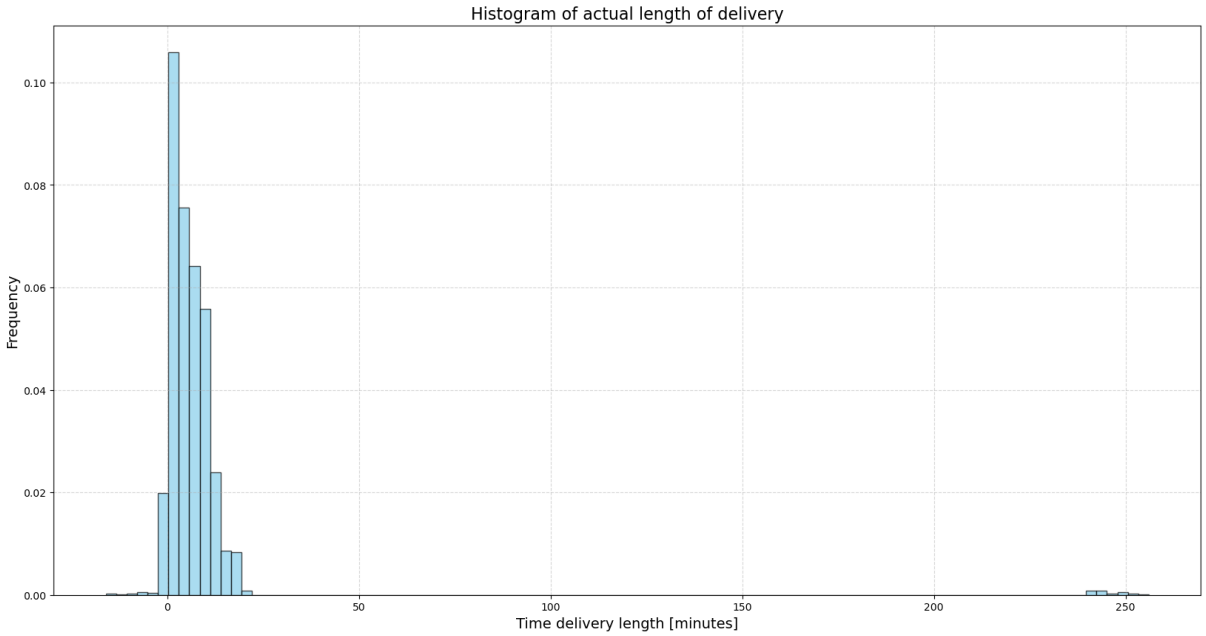

Fig. 1 Histogram showing the actual delivery length in minutes

Figure 1 presents a histogram of delivery lengths expressed in minutes. The chart was created by subtracting the start time of the delivery from its end time. It is evident that the majority of the data cluster around 0-20 minutes, but there are also some data points representing orders with delivery times exceeding 200 minutes.

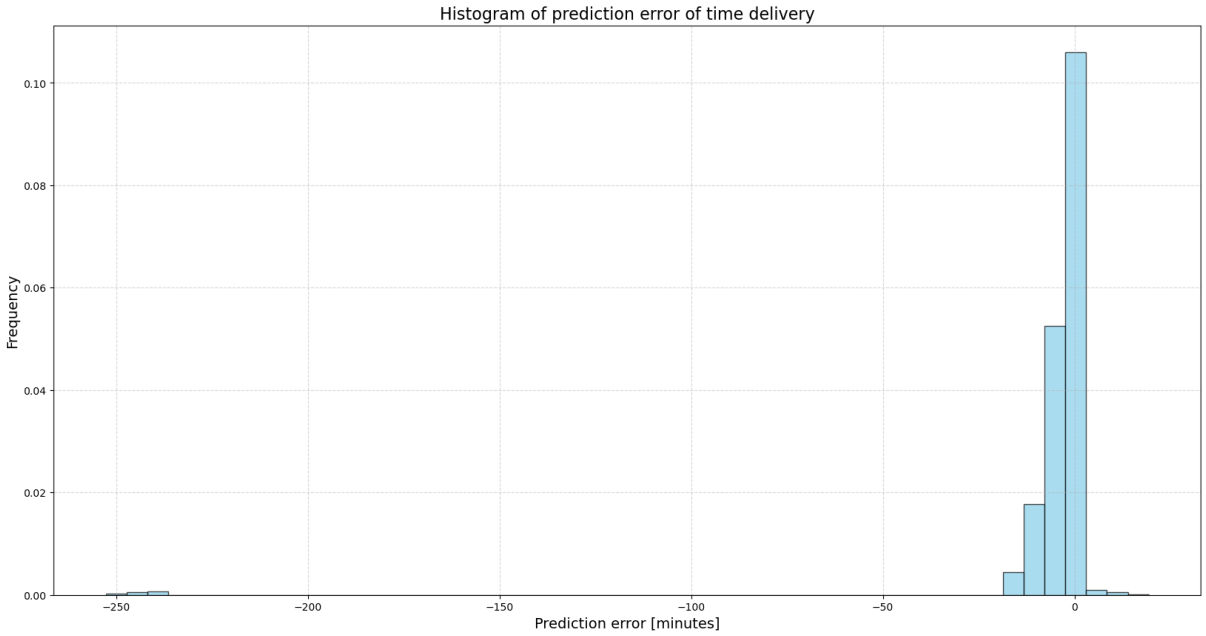

Fig. 2 Histogram showing prediction error in minutes

In the second figure, the prediction error between the estimated delivery time and the actual delivery time is presented. Data to the left of the zero point represent orders where the delivery time was longer than expected, while data to the right represent delivery times shorter than predicted. The mean prediction error is around 5 minutes. Like the previous chart, there are some data points with significant errors, indicating deliveries with longer-than-expected delivery times. The chart was created by subtracting the actual delivery time from the estimated delivery time.

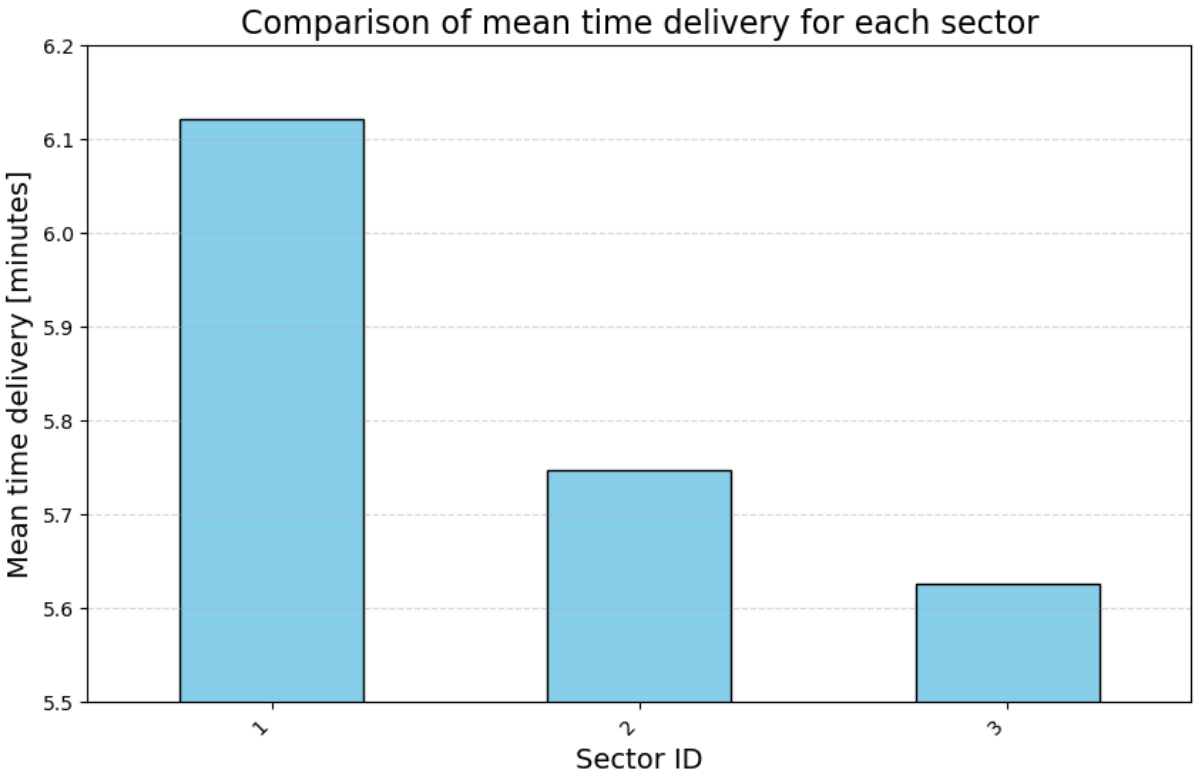

Fig. 3 Comparision of mean time delivery for each sector

Given the insight from the drivers on the figure 3 it is presented mean time delivery for each sector. It is presented on the bar chart to visualise the visible difference between mean delivery team. By the results it is possible to tell that sector 1 is most likely to extend the delivery time.

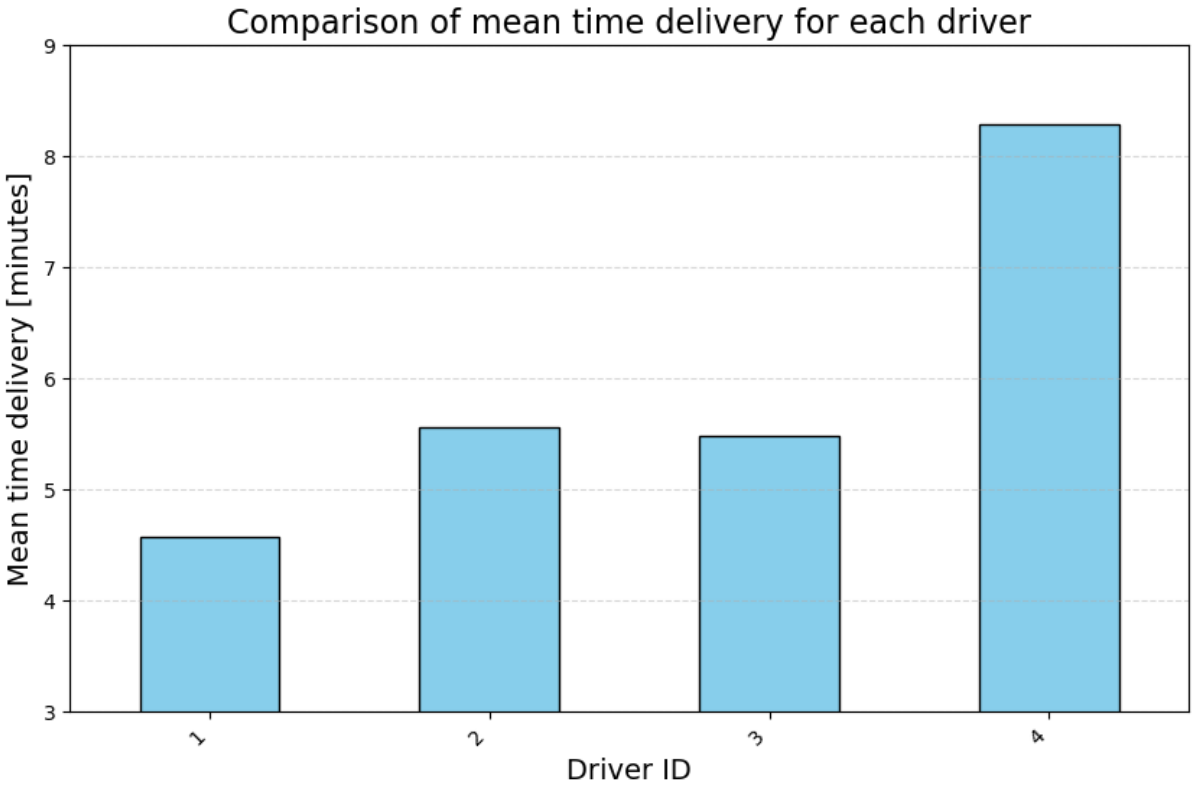

Fig 4 Comparision of mean time delivery for each driver

To enhance the quality of delivery time predictions, various aspects can be considered. Firstly, in Figure 4, the mean delivery time is depicted in relation to the driver number. It is evident that one of the drivers consistently takes longer to deliver orders. This observation suggests that adjusting the expected delivery time for specific drivers could lead to more accurate estimations.

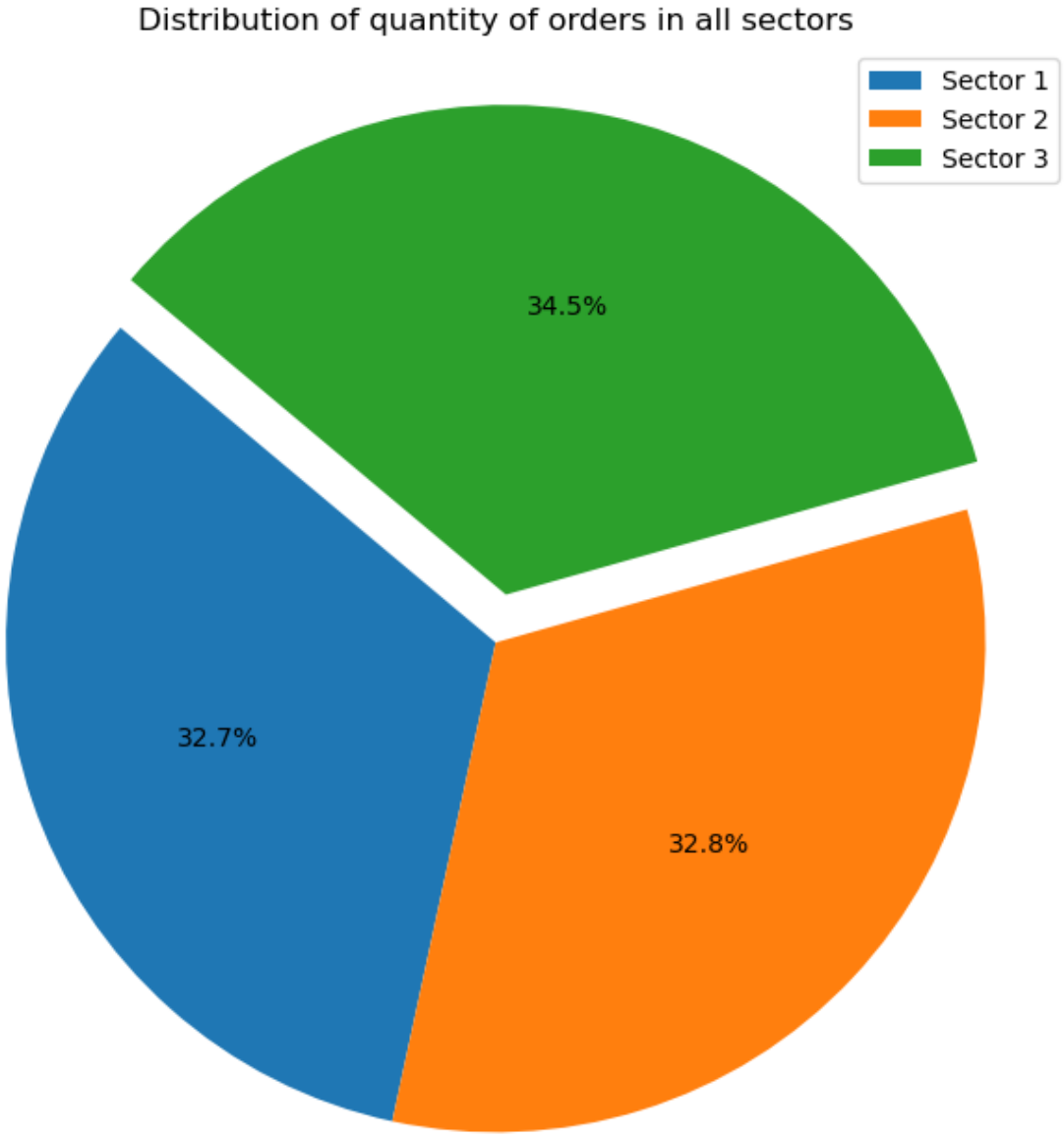

Fig. 5 Distribution of quantity of orders in all sectors

Furthermore, to enhance the quality of predictions, it might be worth considering the distribution of orders within specific sectors. As indicated in Figure 3, there are variations in the mean delivery times across different sectors. Therefore, it is advisable to take into account the sector where the delivery is intended. Figure 5 illustrates the percentage distribution of the number of orders in each sector using a pie chart. Hence, including the sector information in the calculations of the estimated delivery time could be beneficial.