

Staff Management Tool

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Content



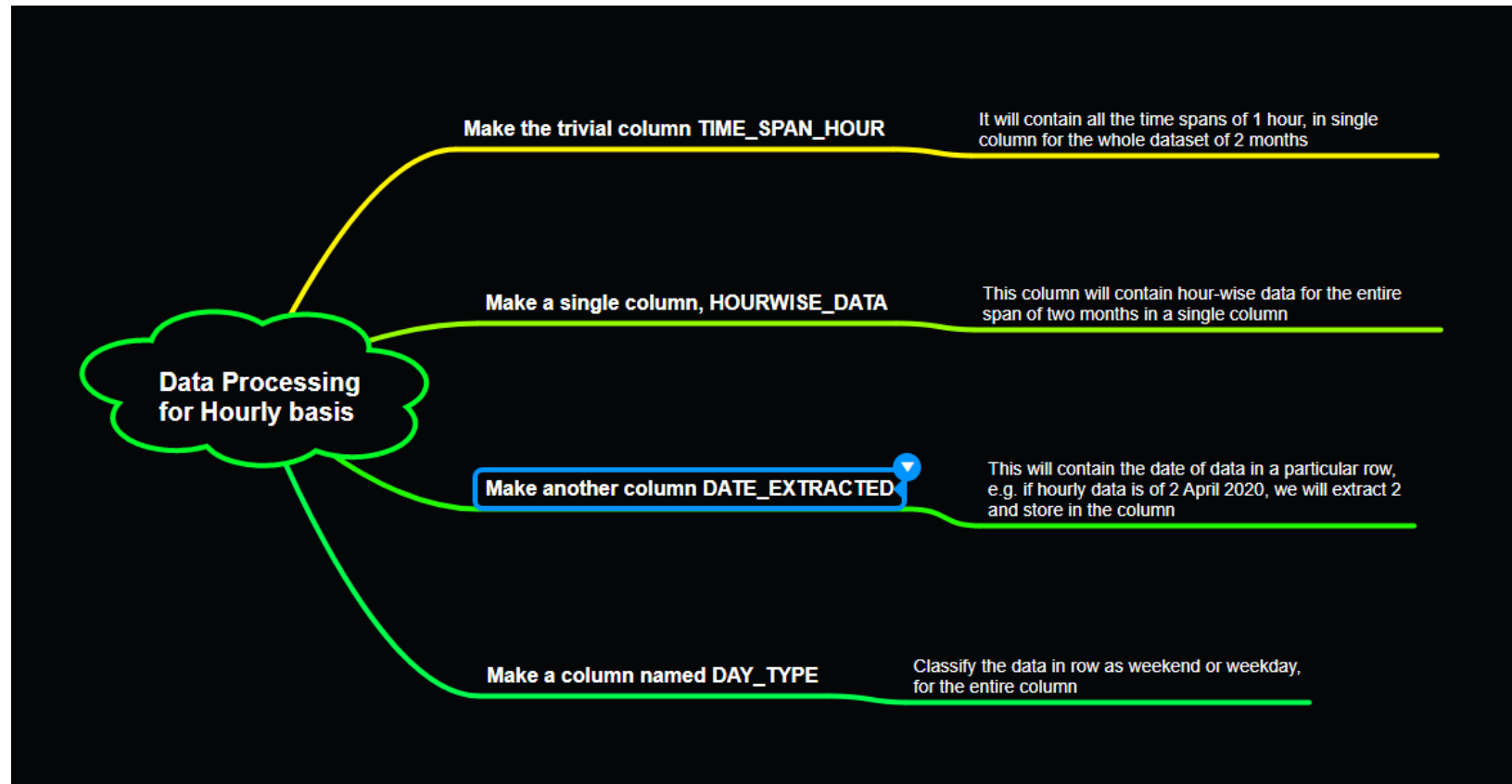
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- Daily Basis Analysis
- Weekly Basis Analysis
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Introduction

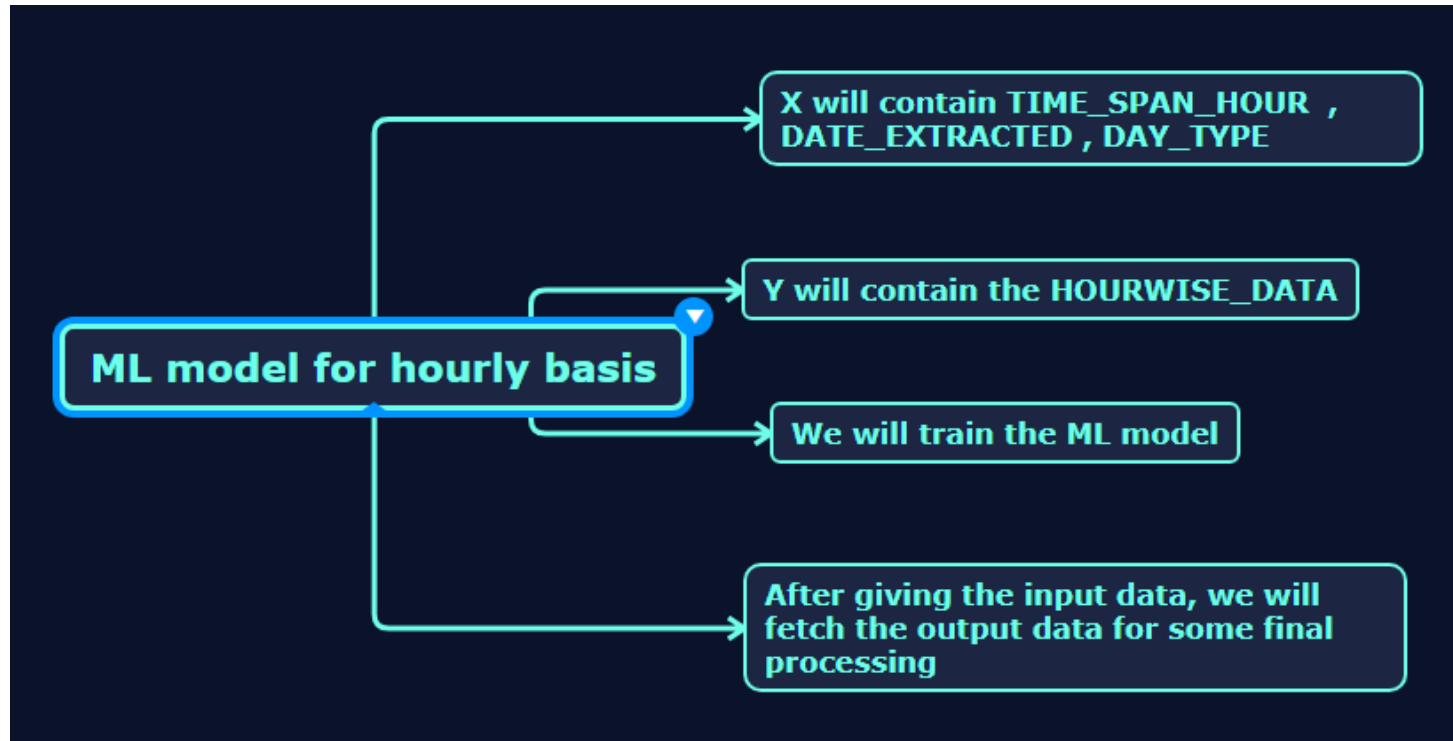


Our model aims to predict the most important and critical operational function in the remote IT service desk which is to make sure that enough people are on the phones to respond to calls and chats with a minimum delay. The main goal is to have the precise number of people needed at every hour of the day, every day of the week and each week of the month so as to minimize the delay.

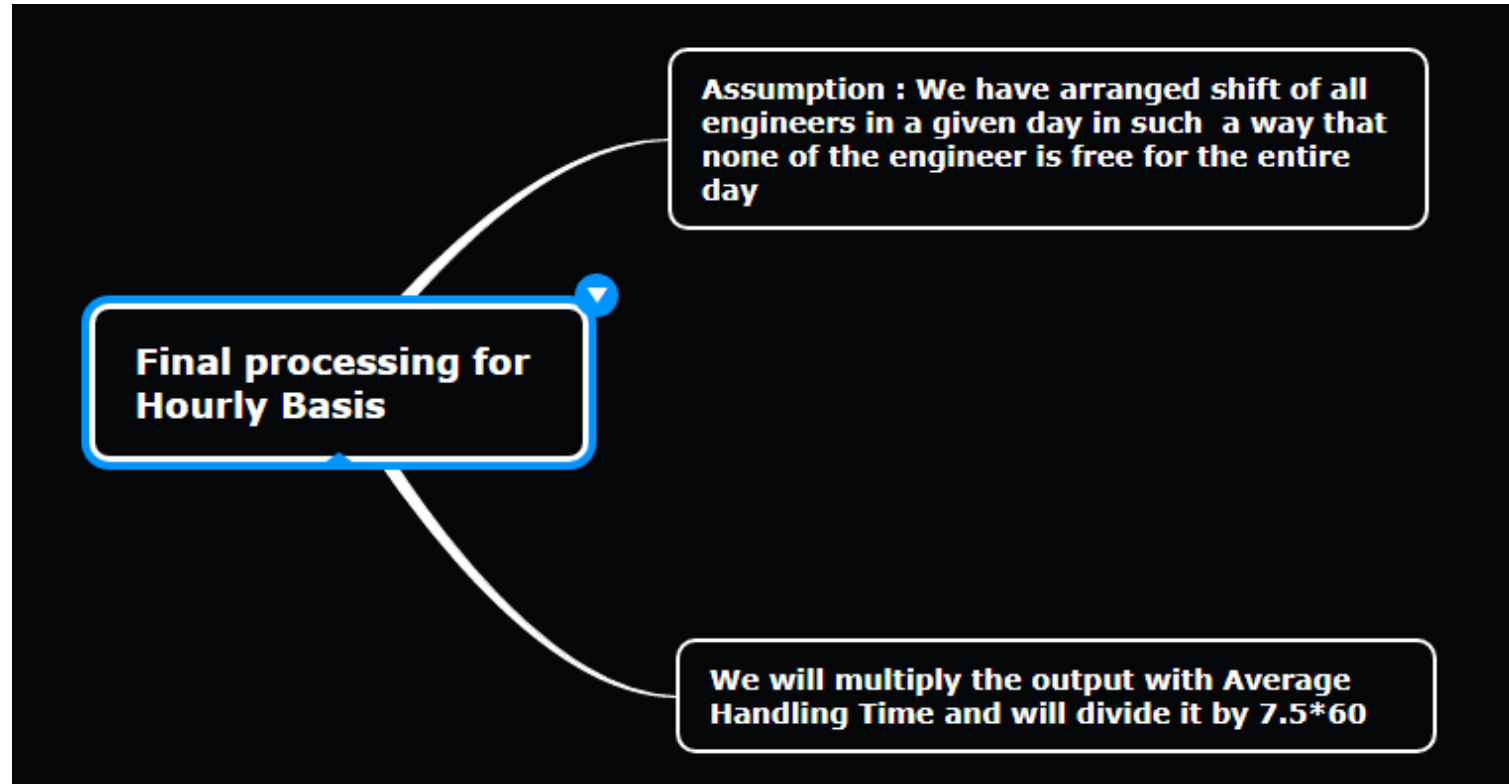
Problem 1: Hourly Basis



PREPARING DATASET FOR TRAINING

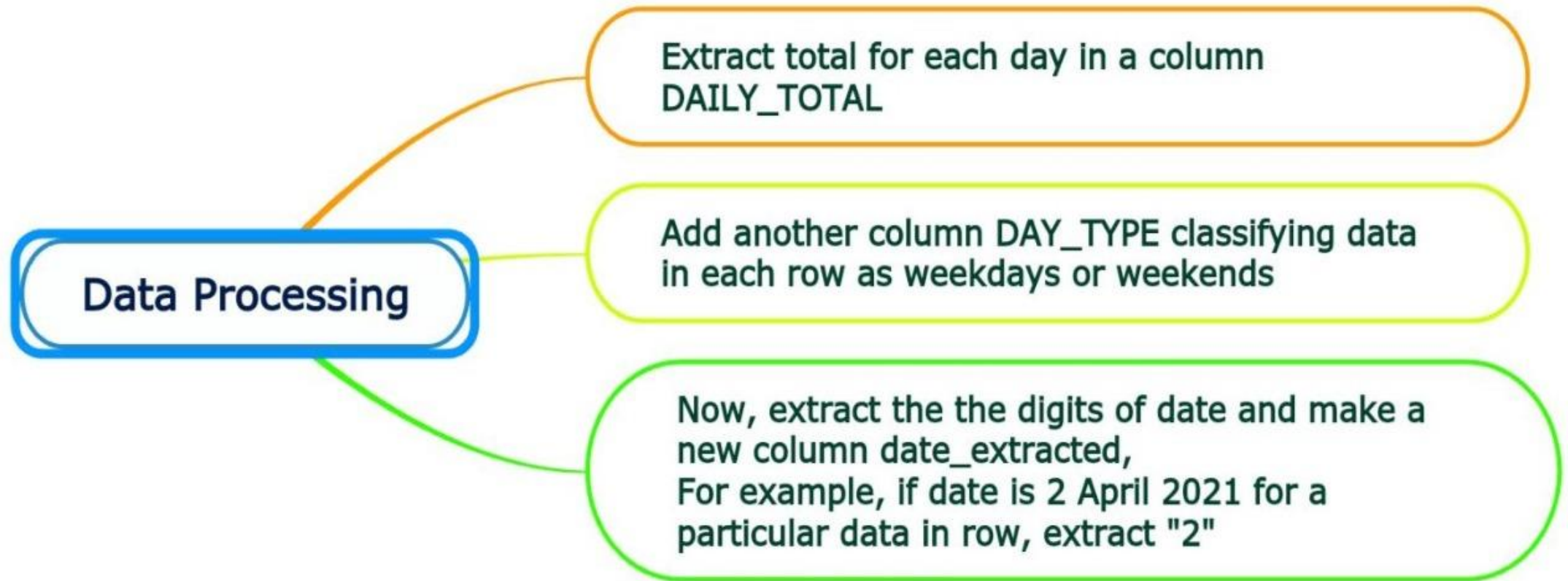


TRAINING THE MODEL



CALCULATING THE NUMBER OF RESOURCES REQUIRED

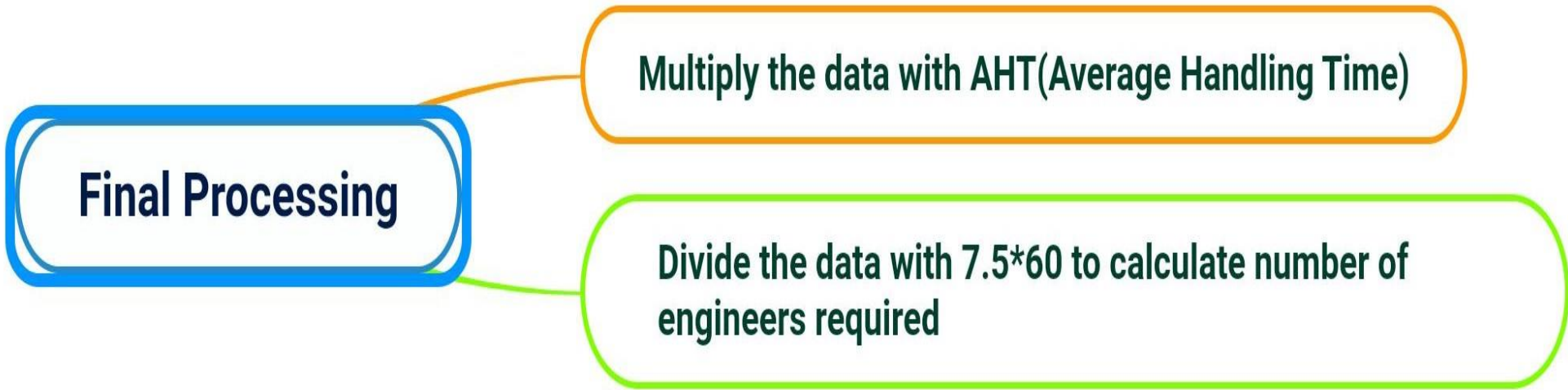
Problem 2: Daily Basis



PREPARING DATASET FOR TRAINING

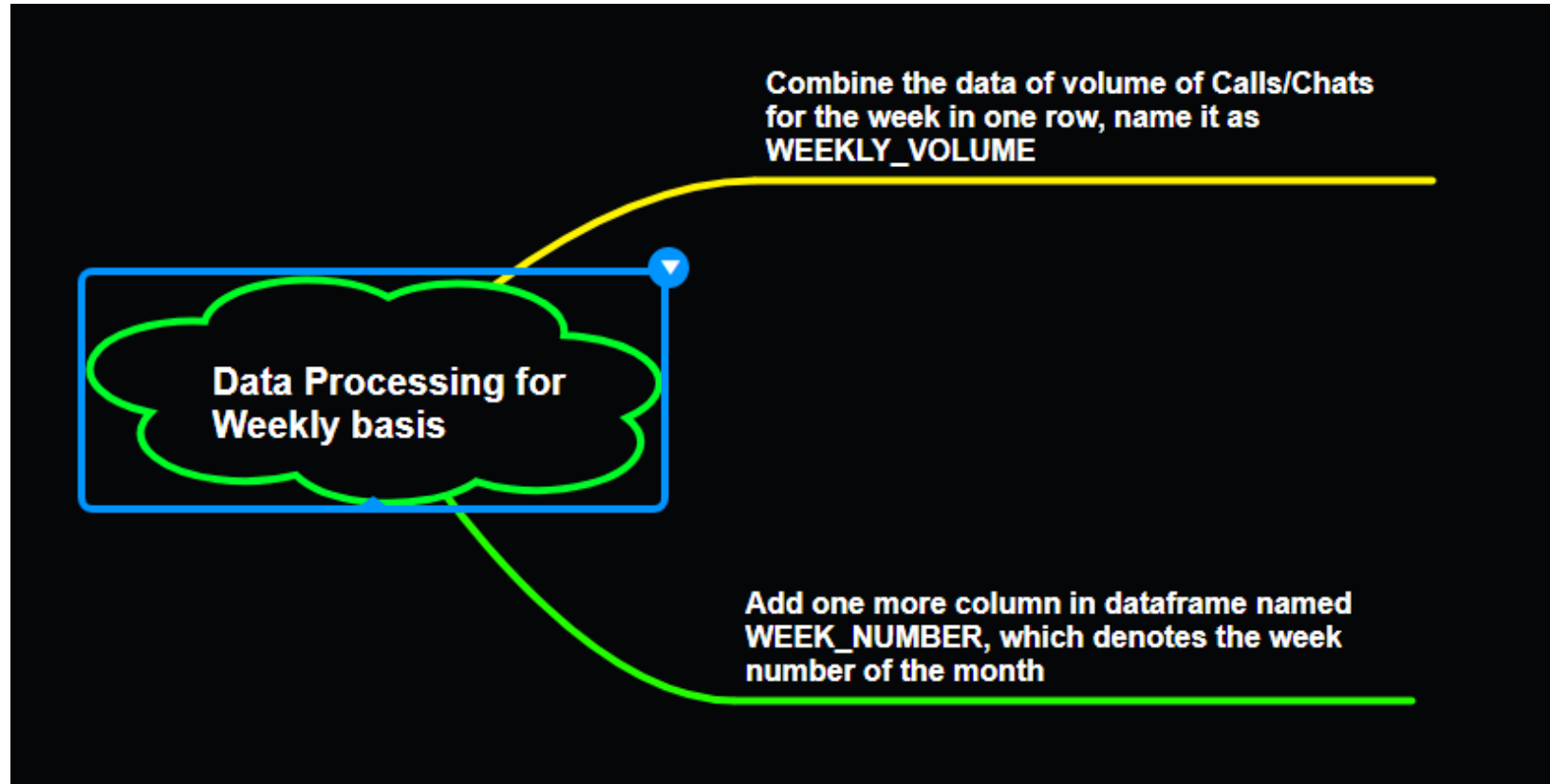


TRAINING THE MODEL

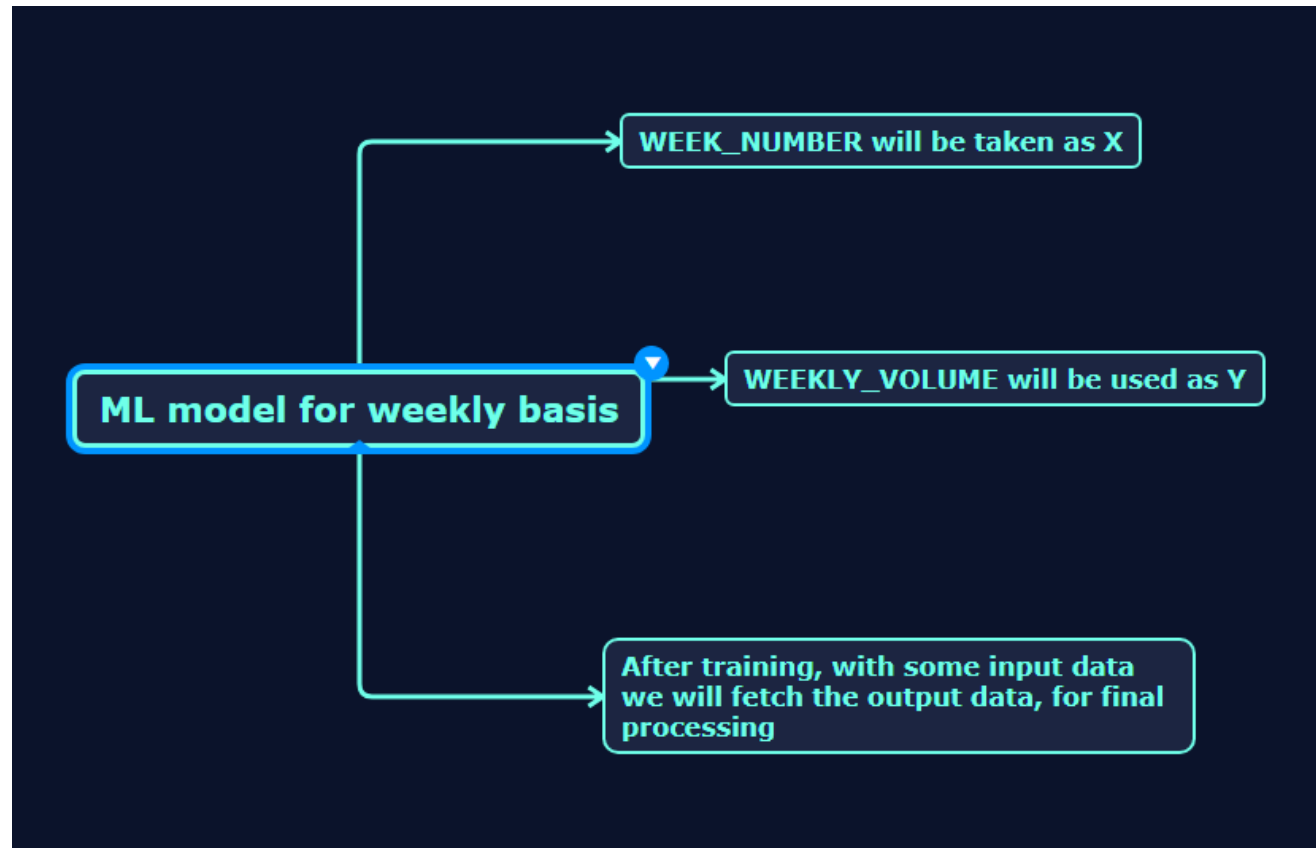


Calculating the number of RESOURCES required

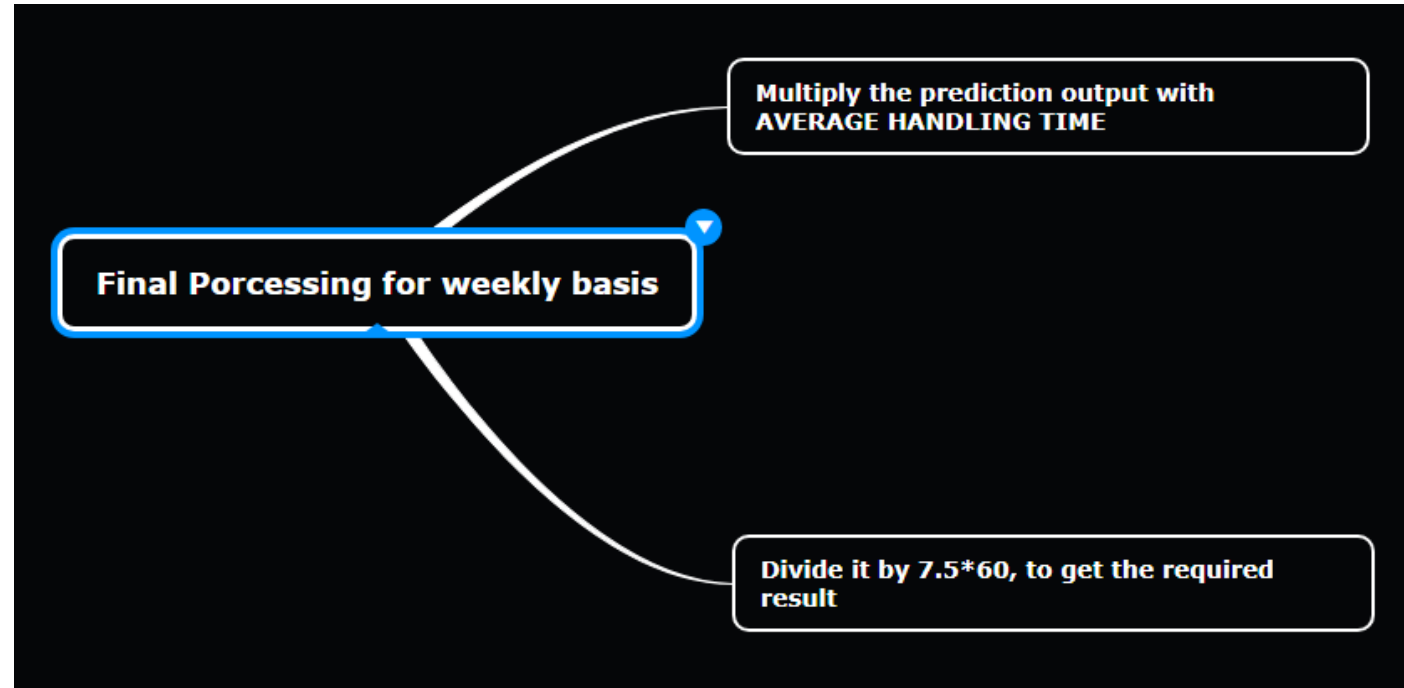
Problem 3: Weekly Basis



PREPARING DATASET FOR TRAINING



TRAINING THE MODEL



Calculating the number of RESOURCES required

CONCLUSION



The accurate forecast of the resources achieved using this model helps determine the workload to be handled on hourly, daily and weekly basis and creates a proper plan for the resources necessary.

Once the plan is in place, the focus of the daily management process is to execute the plan and adjust for unforeseen changes resulting in consistently accepting speed for answering calls and chats.

The model is retrainable after every month with new set of historical data.