

CANADA POST

TEAM 6

EMPLOYEE STAFFING OPTIMIZATION

DATE:

15/02/2024

TIME:

1:00 PM

FACILITATOR:

Dennis Buttera, Yash Kanani

TEAM ATTENDANCE:

Young Bong Ko,
Jaishaanth Suresh,
Gayathri Gnanam,
Shithi Saha,
Mahesha Sree Sivasubramaniam

PROJECT MENTOR:

Jim Myronyk

POINTS OF DISCUSSION:**BACKGROUND**

- Canada Post deliver mails and the main focus is to deliver customer's package with timely manner
- The workload changes due to the regular or irregular environment factors
- Looking for the way to predict workload properly therefore maintain appropriate number of workers.

PURPOSE

Prediction of Workload in Canada Post's Vancouver plant

DATA

- 48,000 rows are provided
- Additional data is welcome to use

DELIVERABLES

- Machine Learning Model
- Visualization
- Presentation
- Documentation

GOALS

- Optimal Workforce
- Deliver mail on time

TOOLS

- Python
- Power BI

WEEK 1 project schedule

- Hand over the dataset
- Brainstorming the possible prediction model
- Clear the datasets
- Addup useful data if it is required.