

Group 2 - K-Nearest Neighbors Workshop Submission

Course: CSCN8010 - Foundations of Machine Learning

Date: February 13, 2026

Group Members

Name	Student ID	Contribution Status
Ali Cihan Ozdemir	9091405	Active Contributor (Project Lead)
Danda, Lohith Reddy	9054470	Active Contributor
Bartaula, Roshan	N/A	Did not contribute / Did not attend

Project Repository

https://github.com/alicih4n/KNearestNeighbors_Workshop.git

Files Included

1. `KNN_Workshop_Solution.ipynb` : The main notebook containing the Dynamic Dashboard and ML Pipeline.
2. `stream_titanic.py` : The script that streams Titanic data into the database.
3. `db_setup.py` : The script that initializes the `titanic.db` database.
4. `requirements.txt` : List of required Python libraries.
5. `README.md` : Project documentation and instructions.