# **IE 434-Deep Learning: Math/Appl.**

**Project**

**Deep Dive 4:**

**Group Members:**

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**Project Description:**

The project is based on the dataset provided by the Department of Buildings (DOB) for the City of New York [1]. The data file is about 1.41 GB and is updated daily. It has 60 columns and about 4 million rows. It records all the information that is related to the permit application for construction and demolition activities in New York City. The data type includes numeric, categorical,time-based, textual classes. From the information in the column descriptions, our project scope might include performing exploratory data analysis to find interesting results, predicting the time it will take for a permit to be issued, and predicting whether the application is approved.

**References:**

1. [DOB Permit Issuance | NYC Open Data (cityofnewyork.us)](https://data.cityofnewyork.us/Housing-Development/DOB-Permit-Issuance/ipu4-2q9a)

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