

## CS 6301 - Machine Learning Lab - Week2

Date: 12.08.2024

### Exploring various machine learning techniques using KNIME tool

#### Set up your environment and start the KNIME tool

- (i) Access various data sources
- (ii) Consolidate and Transform the data
- (iii) Explore and Visualize the data using interactive charts
- (iv) Apply various predictive methods to the data

Models to be explored:

1. KNN classification
2. Multi layer perceptron
3. Linear regression
4. Simple k means clustering
5. Geo-mapping (use OpenStreetMap APIs)

#### Instructions to be followed

1. Write description about the dataset and model used.
3. Write the details about the results obtained.
4. At the end add some inference - (what do u understand from the results)