

Background (Degree):

Pursuing Bachelors in Computer Science, with Certificate in Data Science.

Programming Knowledge (Classes):

DATA MINING, DATA VISUALIZATION, MACHINE LEARNING, DESIGN & ANALYSIS: ALGORITHMS, COMPUTER ORG & PROGRAMMING, SYSTEM- LEVEL PROGRAMMING, DATA STRUCTURES, PRINCIPLES OF COMPUTER SCIENCE I and PRINCIPLES OF COMPUTER SCIENCE II.

Software Development (Work/Projects):

New York City Airbnb Data Mining & Visualization

<https://github.com/spatel255/Data-Mining>

Performed Preprocessing

Performed 3 types of analysis:

Descriptive Analysis, Diagnostic Analysis & Predictive Analysis

Performed data visualization throughout each part of the project.

Performed clustering

To predict prices over the years, we have to use predictive analysis using the latest stack technology. In the context of Artificial Intelligence (AI), we have used machine learning and have applied the latest and most optimized algorithms, such as the linear regression model, and the gradient boosted regression models.

CHATROOM IN LINUX C

<https://github.com/spatel255/System-Level-Programming>

Created a chatroom using Programming language C including socket programming.

Machine Learning - Design and Implement Machine Learning Algorithm on the Dataset

<https://github.com/spatel255/MachineLearning>

Performed classification with the given 5 train, test, label datasets. Find the estimate of the missing value in two additional datasets. Used Java to implement this project

Interest (Academic):

Programming

Business Analysis

Data Exploration

Project Idea:

As of now, for my project I am planning on creating interactive recipe pages. Looking at the current situation I want this website to help clients find the best food recipes from their home.