DAT490 Introduction

Danika Young

Education & Career Path

- Major in Computer Science (Software Engineering) and Data Science (Mathematics) with a minor in Business
- Work at Luminosity Labs on camps as a Software Engineer
- Interned at Nucor Steel Technology over the summer and plan on pursing a full time job after grauduation

Technical Skills:

Programming Languages: Python, R, SQL, Java, JavaScript, C, C#
Data Visualization: Tableau and Altertyx

Past Projects

Heart Disease Analysis

Objective: Predict heart disease presence using machine learning models

Dataset: UCI Heart Disease Dataset (Link)

Key Models Used: Naive Bayes, k-Nearest Neighbors, Logistic Regression, Decision Trees, Random Forest

Outcome:
- Random Forest achieved the highest accuracy (61%)
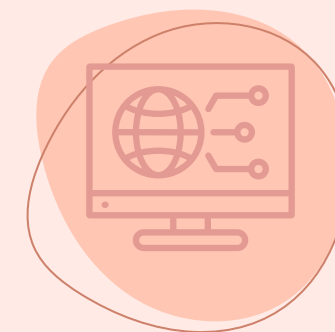- Identified critical health factors for early diagnosis and intervention

Topics of Interest

BUSSINESS

SPORTS

FINANCE

TECHNOLOGY