

Nithin Aparadapu

Warangal, Telangana

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Projects

House Price Prediction Using Machine Learning

August 2024-December 2024

- Built a predictive model to estimate house prices using historical data, applying machine learning techniques to identify key factors influencing property values.
- Trained and optimized models, including Linear Regression, Decision Trees, to enhance prediction accuracy.
- Outcome: Gained practical experience in applying ML algorithms and data visualization techniques to real-world datasets; improved skills in model building and exploratory data analysis.
- Tech: Python, Scikit-Learn, Pandas, Seaborn, Matplotlib.

Diabetes Prediction Using Machine Learning

June 2024 – July 2024

- Developed a predictive model to assess diabetes risk using health metrics and lifestyle data, leveraging machine learning algorithms for early diagnosis and preventive healthcare.
- Applied Exploratory Data Analysis (EDA) to identify key risk factors, handle missing data, and improve model accuracy.
- Outcome: Gained experience in working with health data, feature selection, and improving model performance through evaluation techniques.
- Tech stack: Python, Scikit-Learn, Pandas, Matplotlib.

Summer Training

Complete Data Science and Machine Learning Program | GeeksforGeeks

June 2024 - July 2024

- Gained hands-on experience in building predictive models and optimizing machine learning workflows.
- Completed training in machine learning, deep learning, and data analysis with real-world applications.
- Strengthened knowledge of Supervised & Unsupervised Learning, Neural Networks.
- Worked with tools and libraries such as Python, Scikit-Learn, TensorFlow, Pandas, Matplotlib, and SQL.

Certificates

- Supervised Machine Learning
Coursera — <https://coursera.org/share/ab87f0098a6b675c985a39cf3aabcc05> July 2024
- AI and Machine Learning
LinkedIn Learning — Certificate ID: a78df438bf10c1414c40b612a37d50a0e6c29143323d7277d9e85a9a05d735cf February 2023

Skills

- Languages: Python, Java, SQL
- Tools: Git, GitHub, Ubuntu, Docker, Power BI, TensorFlow.
- Soft Skills: Quick Learner, Adaptability, Time Management.

Education

- Lovely Professional University
Bachelor of Technology - Computer Science and Engineering — CGPA: 7.5 August 2022 – Present
Phagwara, Punjab
- Narayana Collage
Intermediate Physical Science — Percentage: 95.50% May 2020 – March 2022
Hyderabad, Telangana
- Geethanjali Digi School
Matriculation — CGPA: 10 June 2019 – March 2020
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