

VISHWAS R

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EDUCATION

BANGALORE INSTITUTE OF TECHNOLOGY, BANGALORE-04
2022 - 2026

- **BRANCH** | Computer Science Engineering
- **CGPA** | 8.81 (expected)
- **RELEVANT COURSEWORK** | Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, Artificial Intelligence, Computer Architecture and Organization, Web Technologies, IoT, Statistics, Probability

SKILLS

- **PROGRAMMING** | Python, C, Java, SQL, HTML5, CSS, JavaScript
- **FRAMEWORKS & LIBRARIES** | NumPy, Pandas, Matplotlib, Seaborn, Plotly, Bokeh, Scikit-learn, TensorFlow, Flask
- **DATA & TECHNOLOGY** | Data Structures and Algorithms (DSA), Object-Oriented Programming, Machine Learning, Deep Learning, MySQL, Statistical Analysis, Exploratory Data Analysis (EDA)
- **PLATFORMS** | VS Code, GitHub, Jupyter, PyCharm, Kaggle
- **SOFT SKILLS** | Communication, Critical Thinking, Problem-Solving, Leadership, Teamwork

LICENSES & CERTIFICATIONS

- [Supervised Machine Learning: Regression and Classification](#) - DeepLearning.AI
- [Learning Badge](#) - Google Developers Group

EXPERIENCE

DATASCIENCE TRAINEE | PW Skills
2023 – 2025

Gained hands-on experience in data analysis, machine learning, and statistical modeling through real-world projects. Developed a strong foundation in Python, SQL, and data visualization tools to solve industry-related problems.

- **SKILLS GAINED:** Proficiency in data analysis, machine learning, statistical modeling, Python programming, SQL, and data visualization techniques using tools like Matplotlib and Seaborn.

PROJECTS

Student Performance Indicator

Technologies Used:

- Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Techniques:

- **Data Preprocessing:** Handled missing values, feature scaling, and encoding.
- **Exploratory Data Analysis (EDA):** Correlation analysis and data visualization.
- **Machine Learning Models:** Logistic Regression, Random Forest, XGBoost.
- **Model Evaluation:** Accuracy, precision, recall, F1 score, cross-validation.
- **Model Tuning:** Hyperparameter tuning using GridSearchCV

Real Estate Price Prediction (Bangalore)

Technologies Used:

- Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Techniques:

- **Data Preprocessing:** Data cleaning, handling missing values, feature scaling, and one-hot encoding of categorical variables (e.g., location, property type).
- **Exploratory Data Analysis (EDA):** Correlation analysis, visualization of price distribution, and outlier detection.
- **Machine Learning Models:** Linear Regression, Random Forest, XGBoost, Lasso Regression.
- **Model Evaluation:** Mean Squared Error (MSE), R-squared, cross-validation.
- **Model Tuning:** Hyperparameter tuning using GridSearchCV and RandomizedSearchCV.