VAIBHAV BHOSALE
Entry-Level Data Scientist
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WORK EXPERIENCE

Ineuron.ai
Data Scientist Intern
Bangalore, KA | February 2022 - July 2023
- Collaborated with a cross-functional team of data scientists and engineers to analyze and extract valuable insights from large datasets using Python and SQL.
- Utilized Python and SQL to engineer and transform raw data into clean and well-structured datasets, resulting in a 50% reduction in data processing time and a 20% increase in data accuracy.
- Developed and implemented machine learning models, including regression, classification, and clustering algorithms, to address specific business challenges.
- Conducted comprehensive exploratory data analysis and visualization using libraries such as pandas, NumPy, and matplotlib, effectively communicating key findings to stakeholders.

Solapur University Science Center
Statistics and Mathematics Tutor
Solapur, MH | April 2022 - May 2022
- Assessed students' learning to determine learning weaknesses and needs, successfully helping students perform 13% better in algebra, pre-calculus, calculus, and statistics undergraduate courses.
- Met with 30+ students per week through online learning platforms or in a 1:1 setting at the tutor center.
- Scheduled weekly appointments for students, and set schedules for student statistics and math tutors.
- Communicated with professors about curriculum, and submitted reports 2 times per week to maintain up-to-date learning plans for students.

PROJECTS

Home Loan Eligibility
- Significantly reduced manual intervention in the loan approval process, leading to faster and more efficient customer service.
- Enhanced accuracy in predicting loan eligibility, minimizing the risk of potential defaults and improving overall business profitability.

Insurance Price Prediction
- Leveraging machine learning tasks such as data exploration, cleaning, feature engineering, model building, and testing, a solution can be created to predict health insurance premiums based on individual characteristics and historical data.
- Webpage &Deployment: Created a web application that takes all the necessary Inputs from the user & shows the output.

SKILLS
- **Programming**: SQL, Python
- **Python Packages**: NumPy, Pandas, Scikit-Learn, TensorFlow, Kera's,RegEx.
- **Databases:** MySQL, NoSQL, MongoDB, CRUD Operations, Subqueries.
- **Web Stack:** Flask, FASTAPI.
- **Machine Learning**: linear and logistic regressions, decision trees, support vector machines (SVM), Decision Tree, Random Forest, Adaboost, Naïve Bayes Classifier, K-Nearest Neighbor, K-Means Clustering
- **NLP:** Nltk, TF-IDF, Word2vec, Gensim.
- **Deep Learning:** ANN, CNN, Perceptron, Bakward Propagation, Optimizer.
- **Aws:** EC2, Sagemaker, S3 bucket, Lambda, Deployment.
- **Data Visualization**: Power BI, Excel,Google Sheets
- **Certification:** Full Stack Data Science 2.0 (Ineuron.ai)

EDUCATION
B.S.c Mathematics
Solapur University February 2020 - June 2023