Ashish Dhakad

Analyst | Statistician | Data Scientist

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Professional Experience

Data Associate, Vernacular.ai
Feb 2020 – present | Bengaluru, India

- Involved in Data Preprocessing and analysed data for making the data useful for creating Machine Learning models.
- Worked on Domains Banking, Insurance, Aviation.
- Monitoring and analyzing conversational bots.
- Involved in Tagging, Conversational Design, Testing the Bots to improve the Bots.
- Involved in Hiring to conduct the test and prepare the assignment for the candidates.

Subject Matter Expert, Statistics (Freelance), Chegg
Sep 2020 – present

Sentiment Analyst (Intern), Sprinkler
Jul 2019 – Nov 2019 | Bengaluru

Skills

Statistics
Descriptive Statistics, Hypothesis Testing, Inferential Statistics, Probability, Bayes Theorem, Bivariate and multivariate statistics, Binomial and Normal Distribution and all other distributions, Central Limit Theorem , PCA.

Machine Learning
Linear Regression, Logistic Regression , Random Forest , Bagging , Boosting

R programming
R-Studio

Python
Numpy, Pandas , Scikit-learn, Matplotlib,Seaborn , Plotly, texthero .

Microsoft Excel
Advance Excel , VBA and Macros ,VLOOKUP, HLOOKUP

Microsoft SQL
MySQL, Postgresql

Certificates

Data Science with Python (Simplilearn)

Machine Learning (Simplilearn)

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Summary

- Having 1 year of experience in an AI Organization.
- Data Science familiar with gathering, cleaning and organizing data.
- Advanced understanding of Statistics, Machine learning, algebraic and other analytical techniques.
- Hands-on experience with Bagging and Boosting Techniques like Random Forest, XGBOOST.
- Hands-on experience in python frameworks like scikit-learn, scipy, numpy, Pandas.
- Hands-on experience in data cleaning, data wrangling, handling missing values, feature engineering, feature selection, Hyperparameter Optimization.

Projects

1. Air Quality Index Prediction Using Regression

- Data Preprocessing, Feature Engineering, Missing Value Treatment.
- Applied Various Model (Linear Regression, Ridge and Lasso Regression, Decision Tree Regression, Random Forest Regression) to get the best possible model.

2. Wafer Sensor Fault Detection by Random Forest and Xgboost

- Applied classification methodology to predict the quality of wafer sensors based on the given training data.
- Data Preprocessing- Imputed Null Values using KNN Imputer, Feature Extraction and Feature Engineering.
- Applied Clustering to implement the different algorithm.

Education

Post Graduation,
Master's in Statistics , Devi Ahilya Vishwavidyalaya
2016 – 2018 | Indore

Bachelor's in Statistics, Holkar Science College
2013 – 2016 | Indore

Achievements

- **Employee of the Month ,** Vernacular AI