

RESUME

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Objective:

To work in a challenging atmosphere by exhibiting my skills with at most sincerity and dedicated smart work for the growth of esteemed organization along with mine.

Technical Skills:

Operating Systems	Windows 7/10,11.
Programming Languages	Python,JAVA,HTML
Knowledge In Technology	<ul style="list-style-type: none">• Data Analysis with Python• Data Visualization with Python• Machine Learning with Python(Linear Regression ,Logistic Regression,KNN, k Means Clustering, PCA, Decision Tree, Random Forest, Bayesian)• Depth Knowledge in Probability and Statistics• Deep Learning• Computer vision• NLP• Ms word• Excel• Databases connection with Python• Deployment (AWS and Azure)• Dockers
Tools	<ul style="list-style-type: none">• Vs Code• Jupyter Notebook• Origin• Github

Projects:

Health Insurance Prediction

Health insurance premium prediction is a vital task in the insurance industry, as accurate estimation of premiums helps both insurers and policyholders make informed decisions. This study focuses on developing a predictive model to estimate health insurance premiums based on various factors such as age, gender, BMI, smoking status, number of children and geographical location.

Algorithms : LinearRegression , Lasso and Ridge Regression , ElasticNet Regression , SVR , Random Forrest, Decision trees , Ensemble techniques.

Zomato Time Prediction

In this project Use machine learning to Predict Time of delivery Of Zomato Product In various condition. This data was extracted from Kaggle to classify various activities. I have done the complete EDA and built an model which predicts time. This project is an end to end project with high level Python documentation. Apart from this Deployment in Aws using elastic beanstalk and codepipeline , Azure deployment using Github action and deployment in Aws using dockers is also done

Algorithms : LinearRegression , Lasso and Ridge Regression , ElasticNet Regression.

Gem-Price Prediction

This Project is to Predict the price of diamond based on its various features.This data was extracted from Kaggle to classify various activities. I have done the complete EDA and built an model which predicts Gem-Price . This project is an end to end project with high level Python documentation. Apart from this Deployment in Aws using elastic beanstalk and codepipeline , Azure deployment using Github action and deployment in Aws using dockers is also done

Technologies : Pandas, Numpy,Matplotlib

Algorithms : LinearRegression , Lasso and Ridge Regression , ElasticNet Regression

Classification (Affair Prediction ,Titanic survived Prediction)

Complete End to End project development and deployment . Data is taken from Kaggle and a Flask app was also created to predict Pre-marital Affair and Titanic Survived people.

Technologies : Pandas, Numpy,Matplotlib

Algorithms : LogisticRegression , Decision Trees , Random Forrest

Time-series analysis

Stock market Analysis

Algorithms : Arima,Sarimax

Deep-learning Projects:

1- Churn Modelling

2- Image classification

3- Chicken-disease Classification (computer-vision)

Python Project:

1- Flask Application

2- Flip-kart Web scrapping with deployment

3- Image-scrapping from google with deployment

Educational Details

Examination	School/ College	Board/ University	Year of Passing	Percentage
MSc-Physics	Indian Institute of Technology,Kharagpur	IIT,KGP	2024	7.87
BSc-Physics(hons)	Ravenshaw University,Cuttack	RavenshawUniversity	2022	86.18%
12th	Depaul School,Berhampur	ISC Board,New Delhi	2019	93.4%

Achievements

- Attended Two days Workshop on Python and Rest Api conducted by IIT KGP.
- Certification Program in Data Science From I-Neuron
- IBM Data science Certification Course (Coursera)
- Andrew NG Certification Course In machine learning
- Application of Machine Learning in Urban studies (IIRS-ISRO)

Internships

- Machine Learning Intern at iNeuron.ai
From June 2023 to July 2023
- Machine Learning Intern at Corizo
From June 2023 to Aug 2023

Personal Details

Sex : Male
Date of Birth : 23/01/2001
Nationality : Indian
Languages Known : English, Hindi, Odia.

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