AJIT ANAND

Patna, India 800025

983-468-8343 - imunajit@gmail.com

PROFESSIONAL SUMMARY

Results-driven Statistical Analyst with an in-depth knowledge of data science principles and techniques. Skilled in leveraging statistical tools to develop, analyze, and interpret complex data. Completed higher study in the United Kingdom at the University of Stirling with an MSc in Artificial Intelligence. Having around 4 years of experience in Python, Data Science basics, and Django, UNIX. Good knowledge of Database concepts, SQL, Python, Machine Learning, Tableau data visualization. Experienced in Exploratory Data Analysis, Univariate and Multivariate Analysis, Regression Analysis, and Predictive Analytics. Good exposure to Stochastic Processes and Optimization. Good exposure to Statistics for Data Science. Good exposure to TensorFlow, NLP, and Deep learning. Good exposure to Data Wrangling in Python using NumPy and Pandas. Good working experience in Machine Learning - Linear Regression, Logistic Regression, CART and Random Forest, Decision Tree, Clustering, ARIMA Model for Forecasting. Strong analytical, problem-solving & solution abilities Basic understanding of Django. Python, Tableau, SQL, and Django. Python Packages & Libraries - NumPy, Pandas, Matplotlib, TensorFlow deeplabv3, Python. Data Validation & Model Evaluation, Data Visualization, Building & Training ML models. Build exploratory data viz pipelines for quick visual diagnosis. Extract structured tidy data from unstructured text logs. Identify root causes for yield defects. Data Scientist is familiar with gathering, cleaning, and organizing data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic, and other analytical techniques. Highly organized, motivated, and diligent with a significant background

SKILLS

- Python
- SQL
- Power Shell
- HTML
- PHP
- CSS
- R
- TEX

- Machine Learning
- Database Management
- Data programming
- Test script: 2yrs
- Uat sign off:3yrs
- Configuration changes: 3yrs
- Test data: 4 yrs

WORK HISTORY

05/2023 to Current

Data Scientist

ZINGHR – India

- Implemented an AI-based keyword extraction module for Resume parser, resulting

in a 30% increase in parsing speed
- Designed a user-friendly web interface for clients to upload and parse resumes, improving customer satisfaction
- Spearheaded the integration of AI-driven candidate matching algorithms, leading to a 25% boost in recruiter efficiency
- Doing the Salary Prediction for the Employee Using the forecasting model called (ARIMA model)
- Working on the Time series data.
- Conducted complex data management with SQL server and T-SQL.
- Analyzed and mapped data and wrote SQL scripts to extract data from SQL databases.
- Employed SQL to query databases and retrieve data.

02/2021 to 09/2021 **Data Scientist**

Infosys – Indian, United States
- Conducted descriptive data analysis through unsupervised learning
- Identified relationships and reasons for success or failure of services
- Estimated handling times for customer calls
- Predicted success rates of cost models
- Analyzed and predicted issue resolution times.

04/2019 to 11/2020 **Data Scientist**

HCL – India
- Managed data conversions, data pre-processing, and data cleanup
- Conducted exploratory data analysis and model training
- Selected suitable algorithms and assessed loan default risks
- Analyzed creditworthiness and bias elimination through digital footprint data.
- Assessed accuracy and effectiveness of new and existing data sources and data analysis techniques.

08/2016 to 02/2019 **Backend Support/Data Scientist**

Mphasis – India
- Developed loan default prediction processes
- Conducted customer segmentation and loss estimation analysis
- Utilized Python, Pandas, Matplotlib, Seaborn, Scikit-Learn, Logistic Regression.
- Evaluated emerging technologies to assess potential applications within the organization"s existing infrastructure or future projects
- Conducted thorough exploratory data analysis to identify essential variables for building robust models

EDUCATION

09/2022 **MSc**: **Artificial Intelligence**

University of Stirling - Stirling, Scotland

<u>Dissertation Project (Under water Image Segmentation)</u>

Underwater image segmentation is the process of dividing an underwater image into multiple segments or regions based on different visual features such as color, texture,

and shape. Image segmentation aims to simplify and/or change the representation of an image into something that is mongful and easier to analyze.

Several challenges arise when performing image segmentation on underwater images, such as varying illumination levels, low visibility, and distortion caused by water. As a result, specialized techniques are often required to effectively segment underwater images. Underwater image segmentation is important for researchers and scientists studying marine environments. It can be used to identify and track marine life, monitor coral reefs' health, and assess human activities' impact on underwater ecosystems.

The algorithm used is DeepLabV3

DeepLabv3 is a state-of-the-art deep learning model for semantic image segmentation. It was developed by researchers at Google and is based on the Convolutional Neural Network (CNN) architecture.

Atrous Convolution

Multi-Scale Feature Fusion Encoder-Decoder Architecture Spatial Pyramid Pooling Fully Connected Conditional Random Fields

- Awarded [Award Name]

12/2015   **B.Tech**: **Computer Science**
Manipal University Jaipur - Jaipur, Rajasthan

WEB

https://github.com/AjitAnand28

PERSONAL INFORMATION

- Date of Birth: 10/03/1993
- Nationality: Indian