Akash Jha

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SUMMARY

I have 2+ years of experience in Technical Recruiting with global clients; TCS, Wipro, HCL, TechM, Hexaware, Genpact, and the Government of Canada & US and Currently pursuing a Master of Computer Application (MCA) in Computer Science with specializations in Data Science, Machine Learning, and Statistics. I possess strong analytical and problem-solving skills, with proficiency in Python and SQL. Additionally, I am adept at utilizing data visualization tools such as Power BI, Tableau, and Advanced MS Excel and have excellent communication and collaboration skills.

EDUCATION

- PG in Data Science, International Institute of Data Science and Technology – IIDST, Noida (Feb 2024 – Dec 2024)
- Master of Computer Application, Computer Science, RGPV, Bhopal (Aug 2022 – Jun 2024)
- Diploma in Computer Application, Makhan Lal Chaturvedi University, Bhopal (Aug 2020 – Jul 2021)

CERTIFICATIONS

- R for Data Science, **LinkedIn**
- Learning Excel: Data Analysis, **LinkedIn**
- Oracle Cloud Infrastructure 2023 AI Foundations Associate (1Z0-1122-23), **Oracle (Feb 2024)**
- Google Analytics, **Google (Jan 2024)**
- IBM Data Science Professional Certificate - **IBM/Coursera (Oct 2023)**
- Certified ChatGPT Professional (CCG-Pro), **Udemy (Oct 2023)**
- Power BI for beginners by **Simplilearn (Nov 2022)**
- Diploma in Python Programming, **Upskillist/Austin Peay State University (Jan 2022)**

SKILLS & COMPETENCIES

- Creative & Independent
- Discipline
- Attention to detail & Quality
- Math
- Modeling
- Text Mining
- Database querying
- Data collection
- Data cleaning and Preprocessing
- Statistical analysis
- Data visualization
- Descriptive Statistics
- Inferential Statistics
- Data Science Life Cycle
- Neural Networks
- OOP
- MLOps
- Data Structures & Algorithms (DSA)
- Artificial Intelligence (AI)
- Machine Learning (ML)
- Generative AI
- Deep Learning
- Natural Language Processing (NLP)
- Trend and pattern identification
- Predictive modeling
- Model Deployment
- Time management and prioritization

TECHNICAL SKILLS

Programming Language:	Python, R, SQL
BI Tools:	Power BI, Tableau, MS Excel, Google Sheet
DBMS:	MySQL, SQL Server
Libraries:	NumPy, Pandas, Matplotlib, Seaborn, SciPy, Streamlit, Gradio, Solara.
Tools:	Jupyter Notebook, Google Colab, Anaconda, AWS SageMaker, RStudio etc.
AI/ML:	Supervised Learning and Unsupervised Learning.
Cloud:	AWS

PROJECTS

Project #1: Marketing Data Analysis

This project was based on a marketing data analysis, as an Analyst my primary focus was on analyzing the data set to understand the problem and propose data-driven solutions. The problem was "recent marketing campaigns have not been as effective as they were expected to be." The goals for this project was to get acquainted with the data, Clean the data so it is ready for analysis, Develop some questions for analysis, Analyze variables within the data to gain patterns and insights on these questions.

Task Performed:

- Read the data in MS Excel / Pandas Dataframe to have a better understanding of characteristics of data.
- Used libraries; NumPy for multi-dimensional arrays, Pandas for data manipulation and ETL process, Seaborn and Matplotlib to visualize the data into graphs, bars, Pie Charts etc.
- Check the characteristic & describe the data using pandas functions.
- Checked null or missing values into the data and filled it with multiple methods.
- Performed data cleansing, removed outliers, changed columns type and values into the proper format, added new columns for better interpretation.
- Performed EDA after data cleansing & tidying, checked the behavior of customer based on different-different scenarios & relationship between the variables, identified skewedness of the data, and concluded the final findings.

Tools & Technologies: Python, NumPy, Pandas, Matplotlib, Seaborn, MS Excel, Power BI, Tableau, SQL, Google Colab, Jupyter Notebook.

Project #2: Biodiversity Analysis

The goal of this project is to analyze biodiversity data from the National Parks Service, particularly around various species observed in different national park locations. The National Park Service wants to ensure the survival of at-risk species, to maintain biodiversity within their parks. This project scopes, analyzes, prepares, plots data, and seeks to explain the findings from the analysis.

Questions that this project has sought to answer:

a) What is the distribution of conservation status for species?
b) Are certain types of species more likely to be endangered?
c) Are the differences between species and their conservation status significant?
d) Which animal is most prevalent and what is their distribution amongst parks?

Tasks performed:

- Import libraries like NumPy, Pandas, Matplotlib, SciPy, & Seaborn to perform data operations.
- Performed ETL (Extract, Transform, Load) process with the help of pandas library in python language.
- Explored, Cleaned, & Analyze the data to understand the relationship species.
- Removed null values and filled them with other values using different methods.
- Visualized data using graphs like Bar Chart, Pie Chart, & Box plot etc.
- Did univariate & bivariate analysis to understand the relationship between species, parks etc.
- Lastly, Represented the data into Power BI with a dynamic dashboard.

Tools used: Python, MS Excel, Power BI, Jupyter Notebook, MySQL.

Project #3: Sentiment Analysis

Sentiment analysis involves determining the emotional tone behind a piece of text, whether it's positive, negative, or neutral. This project was built when i was in my third semester of my MCA, focusing on implementing sentiment analysis using a pre-trained model Transformers of Hugging Face.

- In this project I've used a pre-trained model ' Transformers' from hugging face.
- Used dependencies & required libraries, deployed on hugging face website.
- Used radio library for deployment

ADDITIONAL EXPRIENCE:

E-Solutions, Noida, UP **Feb 2024 – Present**
Sr. Technical Recruiter
Clients: Government of Canada, TCS, and Wipro.

Capleo Global, Hyderabad **Aug 2022 – Feb 2024**
Technical Recruiter
Clients: Government of Canada, Hexaware, and Genpact.