

Preeti Palak Kaur

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SUMMARY

*Enthusiastic and highly motivated data enthusiast with a strong academic background in **Data Science** and a passion for solving complex problems using data-driven insights. Proficient in **Python, SQL, and Data Visualization** tools, and novice in cloud computing who is eager to contribute fresh perspectives and a thirst for learning to a dynamic **Data Analyst** or **Data Scientist** role.*

EDUCATION

Chandigarh University
MS in Data Science, (CGPA: 7.34)

Mohali, India
December 2023

Sri Guru Tegh Bahadur Khalsa College, Delhi University
BS in Physical Science, (CGPA: 7.379)

Delhi, India
July 2021

WORK EXPERIENCE/INTERNSHIPS

Start-Tech Academy
Data Analytics and ML Intern

Gurgaon, India
September 2022 – October 2022

- Developed an advanced linear regression model, optimizing the compensation package strategy. Result: Attracted top talent while maintaining accuracy within a 0.7% deviation, contributing to a high-performing team.
- Utilized SQL queries to analyze a dataset of 100,000+ Indian Premier League (IPL) records.
- Achieved a substantial 25% increase in overall productivity by empowering team members with independent data analysis skills and provided actionable recommendations for team strategies.

HANDS-ON PROJECTS

Weight Category Prediction using Random Forest

- Documented the entire Machine Learning process, emphasizing clear correlations between dietary patterns and weight category predictions, achieving an impressive F1 score of 87%.
- Achieved a precision rate exceeding 89% in predicting weight gain risks among a sample of 10,000 adults.

HR Analytics using Power BI

- Analyzed and presented key performance insights, identifying 237 attrition cases, enabling data-driven decision-making for HR strategies and initiatives.
- Contributed to a more engaged and stable workforce by aligning HR initiatives with actionable insights.
- Achieved to reduce the attrition rate by a notable 16.1% through an impactful HR Analytics project.

RSVP Movie Analysis using SQL

- Conducted a comprehensive analysis of the RSVP Movie dataset, evaluating over 100 movie titles.
- Generated plans for a 10% increase in audience engagement and derived 6 recommendations, guiding best practices for financial and creative decisions.
- Achieved a 10% gain in audience engagement.

SKILLS & INTERESTS

Programming : Python(pandas, numpy, matplotlib, scikit learn) | SQL | Cloud Computing

Tools : Microsoft Power BI | MongoDB | Tableau | Excel | Google BigQuery

CERTIFICATION

Google Cloud Big Data and Machine Learning Fundamentals : Mastered the data-to-AI lifecycle and major big data and machine learning products on Google Cloud like dataflow, Pub/Sub, BigQuery, Vertex AI and AutoML

AWS Cloud Quest - Cloud Practitioner : Mastered AWS cloud essentials, security, and cost estimation while implementing solutions for web reliability, infrastructure optimization, database performance, secure networking, and more.

KPMG Data Analytics Consulting Virtual Internship Program on Forage: Conducted comprehensive data quality assessments, extracted valuable data insights, and presented findings to drive informed decision-making.

COURSES

Data Analysis | SQL Programming and Advance Data Management Systems | Machine Learning | Deep Learning | Cloud Native Development | Data Engineering | Natural Language Processing

POSITION OF RESPONSIBILITY

Project Leader : Led a team of 5 for designing a music website using HTML, CSS, JavaScript, JSP and JDBC.