

Yuvraj Singh

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SUMMARY

- **Experienced Data Analyst** skilled in SQL, Python, and Power BI for large dataset analysis.
- **Specializes in data visualization** to enhance decision-making and operational efficiencies.
- **Developed predictive models** leading to 15% sales increase and 20% inventory cost reduction.
- **Effective communicator** adept at presenting complex data to non-technical stakeholders.
- **Passionate about continuous improvement** in data analysis methodologies for dynamic environments.

EXPERIENCE

Sr. Associate-Data Analyst

MetLife Global Operations Support Centre

July 2022 - April 2024, Jaipur, Rajasthan, India

- Analyzed insurance policy data using SQL and Python to optimize renewal strategies, resulting in a 10% increase in policy renewals.
- Developed and maintained interactive dashboards and reports using Tableau to monitor and analyze claims processing times, achieving a 15% efficiency improvement.
- Collaborated with underwriting team to implement predictive models for risk assessment, reducing underwriting errors by 20% and improving premium accuracy.
- Conducted ad-hoc data analysis to support executive decision-making, providing actionable insights that enhanced operational transparency and strategic alignment.
- Implemented data quality initiatives and validation processes to ensure compliance with regulatory standards (e.g., GDPR, HIPAA), enhancing data accuracy and customer satisfaction.

PROJECTS

Retail Insurance Management & planning system

MetLife Global Operations Support Centre • July 2022 - June 2023

- Led data integration efforts from multiple insurance operations systems into a centralized platform.
- Analyzed and optimized policy renewal processes, resulting in a 15% reduction in renewal turnaround time.
- Developed predictive models for claims processing efficiency, improving claim approval accuracy by 20%.
- Implemented interactive dashboards that provided real-time insights into sales performance and market trends, enabling proactive decision-making.
- Collaborated with cross-functional teams to enhance customer segmentation strategies, leading to a 10% increase in customer retention rates.

Wellness Health Management

MetLife Global Operations Support Centre • July 2023 - April 2024

- Integrated health data from wearable devices, health apps, and EHRs to support personalized health insights.
- Conducted health risk assessments using predictive analytics, identifying high-risk individuals for targeted interventions.
- Developed and maintained performance metrics to evaluate the effectiveness of wellness programs.
- Enhanced data-driven decision-making by implementing a new data visualization tool, reducing reporting time by 30%.
- Improved program effectiveness by 25% through continuous monitoring and adjustment of wellness interventions based on data analysis.

CERTIFICATIONS

SQL(Basic)

Hackerrank • 2024

- It includes simple queries, relationships, and aggregators.

SQL(Intermediate)

Hackerrank • 2024

- It includes complex joins, unions, and sub-queries

Python(Basic)

Hackerrank • 2024

- It covers topics like Scalar Types, Operators and Control Flow, Strings, Collections and Iteration, Modularity, Objects and Types and Classes

EDUCATION

Bachelor of Technology

Rajasthan Technical University • Pilani, Rajasthan • 2019

SKILLS

SQL, PLSQL, PostgreSQL, Oracle, ETL, Python, AWS, Power BI, Project Management, Business Analysis, Problem Solving, Stakeholder Management, Agile Methodologies, SDLC, Unix, ITIL, Service now