Neha Ghansawant

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Profile Summary

- Proven ability in analyzing large datasets, debugging SQL queries, and transforming data to drive business decisions.
- Proficient in creating compelling, interactive dashboards using Power BI, enhancing data accessibility and understanding.
- Strong command over Excel, SQL, Power BI, enabling efficient data manipulation and analysis.
- Proficient in market research, requirement gathering, qualitative and quantitative analysis.

Key Skills

- **Data Analysis & Visualization:** Power BI, Matplotlib, Excel
- **Programming Languages:** Python, Advanced SQL
- **Frameworks/Technologies:** Django REST API, Machine Learning, Scikit-learn, ETL
- **Cloud & Database Management:** Azure, SQL Server
- **Analytics & Reporting:** Business Intelligence, Forecasting, Visualization, Dashboard Development
- **Process Optimization:** Performance Tuning, Data Quality Automation, Documentation

Professional Experience

Corestrat Labs – Python Developer / Data Analyst   **Dec 2021 – Nov 2024**

- Built and optimized ETL pipelines to analyze financial data from S&P 500 using Python and Pandas.

- Developed scalable backend systems using Django and integrated user-facing elements via REST APIs and server-side logic.

- Implemented modular, reusable, and secure Python code reducing processing latency by 20%.

- Designed and debugged Python programs with comprehensive unit and integration tests to ensure system stability.

- Managed and integrated cloud-based data storage using Azure Cosmos DB.

- Ensured data accuracy through data cleaning, validation, and transformation processes.

- Applied Pandas and NumPy to process large datasets, improving data delivery accuracy by 10%.

- Created data visualizations and presented actionable insights to stakeholders.

- Implemented data protection measures in compliance with security standards.

- Collaborated with cross-functional teams to gather and refine application requirements and client-requested features.

- Participated in Agile sprints and architecture discussions using Git for version control.

Tools/Tech: Python, Django REST API, Pandas, NumPy, Git, Azure, ETL, Agile, Unit Testing, Debugging, Requirement Analysis, Feature Prioritization, Data Cleaning, Data Security, Financial Analysis

Applause Techno Solutions - PHP Developer   **Oct 2019 – Aug 2020**
- Developed robust back-end systems using PHP and MySQL for NGO clients.
- Improved data handling efficiency through API integrations and optimized database queries.

Tools/Tech: PHP, MySQL, Web Development

Projects

Movie Recommendation System (ML Project)
Built a personalized recommendation system with Scikit-learn, improving user engagement metrics by 25%.

Company Sales Analysis Dashboard
Used SQL and Power BI to develop dynamic dashboards highlighting sales trends and actionable insights, resulting in a 15% sales increase.

Financial Budget Visualization
Analyzed and visualized multi-department budgets using Python (Pandas, Matplotlib) for strategic planning.

Education

Priyadarshini Indira Gandhi College of Engineering, Nagpur   **June 2019**
Bachelor of Engineering – Computer Science

Certifications

- Microsoft Certified: Azure Administrator Associate

- IBM: Applied Data Science | SQL and Relational Databases

- GenAI Powered Data Analytics (Forage)

- Tata: Data Visualization for Business Insights (Forage)

- Deloitte: Data Analytics Job Simulation (Forage)

- British Airways Data Science Job Simulation (Forage)