Mirav Parekh

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SUMMARY

Highly skilled and results-oriented Data enthusiast with over 4 years of experience in various industries including healthcare, finance, and insurance. Proven ability to collect, clean, analyze, and visualize data using a variety of programming languages, tools, and methodologies. Strong communication and presentation skills to effectively communicate data insights to both technical and non-technical audiences.

SKILLS

Languages	:	Python, R, GitHub, MySQL, SAS, DAX, SPSS, React, Linux, SQL Server
ETL & Visualization Tools	:	Tableau, Power BI, Alteryx, Looker, Google Data Studio, Glue, dbt, Google Analytics
Technologies	:	Jira, Salesforce, GCP, Azure, Athena, Redshift, S3, Quicksight, EC2, Kinesis, RDS, BigQuery
Certifications	:	AWS Cloud Technical Essentials, Jira Fundamentals, SQL Server, PowerBI, Tableau, Excel
ML & Data Concepts	:	Classification, Regression, Clustering, Hypothesis testing, Predictive analytics, A/B testing
Other Skills	:	Data Cleaning, Critical Thinking, Communication Skills, Presentation Skills, Problem-Solving
Frameworks, IDE & Libraries	:	Scikit-Learn, Keras, TensorFlow, SciPy, PySpark, NLTK, PyCharm, Visaual Studio, OpenCV, Pandas, NumPy, Matplotlib, Seaborn, ggplot2

EXPERIENCE

Credit Suisse | Data Analytics Engineer   **Jan 2024 - Current**
- Implementing project life cycles for design & development using **Agile** Methodology, enhancing efficiency by **20%**.
- Performing data collection, cleaning, and preprocessing to support predictive analytics with **Python**.
- Engineered a data pipeline integrating **AWS S3** with React site, enhancing data capture, storage accuracy and efficiency.
- Developing & optimizing complex **SQL** queries, scripts for database management, indexing, and performance tuning.
- Collaborating with **cross-functional** teams to translate business requirements into data-driven solutions.

Beth Israel Deaconess Medical Center (BIDMC), MA | Healthcare Data Analyst   **Jul 2023 - Dec 2023**
- Coordinated with senior investigators in cardiovascular research, leveraging **R** and **SAS** for analytical support.
- Automated data cleaning and pre-processing strategies using **R** & **Python**, improving accuracy by **20%.**
- Developed dashboards in **PowerBI** to comprehensively map the progress and insights of various projects.
- Executed ETL of **clinical** databases, creating interactive plots, shaping methodology & results for publication and grants.
- Harnessed advanced **Excel** to generate ad-hoc reports supporting system goals, leveraging EHR, Claims, & patient data.

Voda.ai, MA | Data Scientist Intern   **Sep 2022 - Dec 2022**
- Used **PyCharm** for developing, debugging Python scripts and **Jupyter notebooks** aimed at cleaning & analyzing data sets.
- Designed a **GitHub** workflow implementing code checks, streamlining the process, enhancing overall efficiency by **25%.**
- Documented rapid learning process, implementation challenges, demonstrating adaptiveness & **problem-solving** skills.
- Conducted statistical analysis and **A/B testing** to validate data models and data accuracy.
- Leveraged **APIs** using Python libraries for data manipulation and retrieval in time series and tabular formats.

ImEx Cargo LLC, MA | BI Engineer   **Apr 2022 - Jul 2022**
- Implemented forecasting model, created dashboards in **Power BI** to analyze sales performance and identify key metrics.
- Enhanced data mining processes using **Alteryx**, improving efficiency by 30%, deriving insights from customer data.
- Performed analysis of sales data utilizing Power BI, providing actionable insights to support strategic initiatives.
- Extracted and manipulated data using SQL, ensuring data accuracy for reporting and analysis.
- Employed critical thinking and analytical skills to implement data-driven solutions for complex business challenges.

Diversity Infotech, India | Data Engineer   **May 2018 - Jul 2021**
- Utilized machine learning frameworks such as **TensorFlow, Keras**, and Scikit-learn to build and deploy predictive models.
- Optimized data gathering with **Python scripts**, decreasing manual input efforts by 50%, improving consistency.
- Engineered & managed SQL **databases** ensuring integrity, creating advanced queries, stored procedures and functions.
- Applied **OpenCV** for image processing and computer vision tasks, enhancing image-based data analysis projects.
- Designed and implemented complex data visualizations and interactive dashboards using **Tableau** and **Excel**.
- Spearheaded developing of comprehensive reports on **sales performance** for decision-making.

EDUCATION

Northeastern University, Boston, MA   **July 2023**
Master in Analytics
Coursework: Probability Statistics, Risk Analysis, Big data, Fundamentals of AI, Predictive Analytics

University of Mumbai, India   **July 2021**
Bachelor of Technology in Electronics and Telecommunication
Coursework: Data Structures, Database Management, Data mining & Business Intelligence, Cloud Computing