GEETHA KONDAKINDHI
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PROFESSIONAL EXPERIENCE:

HUMANA, (KY) USA May 2023- Present

Data Engineer

- Developed and implemented a comprehensive Conversion Rate Optimization Dashboard for Care Management Program, leading to a 15% increase in patient engagement and adoption rates.
- Developed a scalable ETL process using PySpark and SQL, extracting data from various sources, including electronic health records (EHR), claims data, and patient engagement platforms & loading it into a centralized data warehouse on Google Cloud Platform.
- Built a real-time data ingestion pipeline using Kafka and Streamsets to capture patient interactions and engagement data, enabling timely analysis and decision-making. Utilized Google Dataproc to process and analyze large volumes of patient data.
- Collaborated with the data science team to develop a customer churn model using PySpark, MLlib, and Python libraries such as scikit-learn and pandas successfully identifying and addressing risks of disengagement with healthcare services, resulting in a 20% improvement.
- Collaborated with cross-functional teams using Agile methodologies, participating in sprint planning, daily stand-ups, and retrospectives to ensure timely delivery and continuous improvement of the Dashboard.
- Developed interactive dashboards using Power BI to visualize and analyze key performance indicators (KPIs) pertaining to patient engagement, program adoption, and conversion rates.

WIPRO Private Limited HYD, INDIA August 2020 – July 2022

ETL Data Engineer

- Migrated data from various sources (Tables, SFTP, FTP) into a centralized data warehouse using Python, MongoDB, Informatica, and VB Scripting for an internal data migration project at Corning.
- Utilized Informatica Power Center workflow manager to create sessions and workflows embedded with complex logic for seamless execution of data migration mappings, ensuring the smooth running of the system without any errors or failures.
- Designed and implemented a data quality framework using Python and SQL Server Integration Services (SSIS) to ensure data accuracy, consistency, and completeness during the migration process, conducting regular data profiling, cleansing, and validation.
- Optimized performance across target systems, source systems, migration mappings, and sessions, achieving a 30% efficiency boost and 20% reduction in migration processing time. Applied dimensional modeling with Star Schema and MongoDB Merge operations.
- Implemented continuous integration and deployment (CI/CD) processes using Azure DevOps, ensuring seamless integration of migrated data.
- Developed migration dashboards and KPIs to provide insights, track progress, identify bottlenecks to facilitate decision-making.

Razorpay, India January 2019 – June 2020

Associate Data Engineer

- Engineered a scalable Payroll Data Integration solution using Python, R, Azure Data Factory, SQL, and Teradata to extract, transform, and load employee data from multiple HR systems into a centralized data warehouse.
- Implemented data extraction scripts and pipelines using pyodbc, pymssql & ADF to fetch incremental updates, ensuring data efficiency.
- Performed data transformations, cleansing, and validation using pandas pyspark, R (dplyr, data.table), and Azure Databricks.
- Designed optimized SQL and Teradata schemas for integrated payroll data, leveraging partitioning, indexing, and bulk loading techniques. Utilized R libraries (DBI, ODBC) for efficient data loading and querying.
- Successfully integrated payroll data from 5+ HR systems, covering 10,000+ employees across multiple states.
- Integrated HR systems APIs, Azure Data Factory APIs, and custom APIs for seamless communication and data exchange between systems.

INTERNSHIPS & PROJECTS:

Federal Home Loan Bank September 2023 - December 2023

- Analyzed house price fluctuations using statistical techniques, including OLS regression and correlation analysis, to understand their impact on seasonal adjustments in the real estate market.

CNN-based Elephant Image Classification System October 2022- December 2022

- Utilized machine learning algorithms and developed a state-of-the-art deep learning model using Convolutional Neural Networks (CNN) in Kera's to accurately classify images of African vs Asian elephants, achieving an impressive accuracy rate of 95%.

EDUCATION:

Masters Data Science (MS)	WICHITA STATE UNIVERSITY, KANSAS, USA	GPA: 3.93/4
Electronics and communication Science	JNTUH, Hyderabad, India	GPA: 3.7/4

TECHNICAL SKILLS:

Languages: Python, SQL, R, Java, PyTorch, TensorFlow, HiveQL
Competencies: Data capture, Data transformation, ETL tools, hypothesis testing, Data Visualization, Machine Learning,NLP, A/B Testing, DAX Studio, Tabular Editor, , Database management, Statistical automation, AI, SAP, Oracle, ERP data models, Technical Writing.
Tools: MS Excel, SSMS, R Studio, Spotfire, Snowflake, Tableau, Power BI, SSRS, PySpark, Apache Spark, QlikView, SAS, JIRA, Git, Airflow
Databases: Oracle, MongoDB, SQL Server MySQL, PostgreSQL, Teradata
Cloud: Azure (MLOPS, Synapse, Azure Databricks, Data Factory, App Services, ML Studio), GCP(Big query, GCS)
Certifications: Google Data Analytics, Microsoft Certified: Azure AI Fundamentals, Microsoft Certified: Azure Fundamentals, Power BI Essentials
Methodologies: Google cloud storage, compute engine, Big Query, Agile, Snowflake.

Academic Achievements & Leadership Experience:

- Coordinated and organized department skill club activities, resulting in a 20% increase in participation and engagement among students.
- Managed logistics and oversaw the successful execution of TEDXAGI 2019 event, with over 500 attendees & positive feedback rating of 4.5/5