Meeta Pandit

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PROFESSIONAL SUMMARY

BI developer with 6 years of experience in designing scalable and high performant data pipelines, optimizing data processing and automating complex workflows while ensuring data quality.

TECHNICAL SKILLS

Programming Languages: SQL, Python, Shell Scripting

Technologies: Data Modeling, Data Warehousing, Google Cloud Storage and Cloud Run, PySpark, Kafka, Docker, Airflow, HDFS, Parquet, S3, AWS Data Exchange, SSIS, Cassandra, MySQL, Redshift, PostgreSQL, MS-SQL Server, Git, Tableau

BOOTCAMP CAPSTONE PROJECTS

Real-time Streaming Pipeline (github.com/meetapandit/kafka_streaming_user_creation)   Jan 2024
- Ingested user profile records from randomuser.me API to build real-time streaming to Kafka topic by scheduling DAG in Airflow
- Streamed events to Spark for processing and stored in Cassandra for analysis by creating containerized components in Docker

Fraud Detector System using Kafka (github.com/meetapandit/kafka_fraud_detector_system)   Dec 2023
- Ingested customer order transactions using kafka-python client to Kafka installed on Docker
- Built Kafka Consumer that classified the raw transactions as fraudulent vs legit based on business rules

Equity Market ETL using PySpark on GCP (github.com/meetapandit/equity_market_analysis)   Nov 2023
- Ingested and parsed equity market data using Spark dataframe API and stored partitioned datasets as parquet files in GCP
- Computed latest trade price, prior day closing price and 30-min moving avg using SparkSQL and scheduled data pipeline in Airflow

Stock Market Analysis (github.com/meetapandit/stock_market_trends)   Aug 2023 - Sep 2023
- Designed an application using Python to extract, transform and store NYSE stocks data to Google cloud storage
- Deployed application to GCP using cloud run, scheduled it using Airflow and created interactive dashboard using Plotly Dash (Python)

WORK EXPERIENCE

Digital Analyst, Seattle, WA   Oct 2020 – Aug 2023
Biossance.com
- Automated ETL for 15 global and 4 US markets, ensuring timely delivery of dashboard for weekly business reviews
- Built promo analysis ETL in MySQL for analyzing customer segments, increasing return customer rate by 30% and new customer acquisition by 25% by creating 3 categories of data based on buying patterns
- Developed analysis on sampling program, proving that it increased repeat purchasers by 30% and lifetime value by 100% by analyzing first-time vs repeat purchase orders
- Launched loyalty dashboards, reducing update time from 1 hr to 10 min by integrating Google Analytics and Salesforce data
- Redesigned orders ETL, improving dashboard update time by 25% by directly using Shopify API, eliminating upstream dependencies

Business Intelligence Engineer, Seattle, WA   Oct 2018 – May 2020
Amazon.com
- Automated weekly business review dashboard, reducing update time from 2 hours to 15 min by eliminating manual updates
- Built workflow in Redshift by computing scores for features for 3P sellers and presented findings on high attrition rate to leadership
- Developed ETL using PostgreSQL tables from Tableau, increasing business teams' productivity by 20% by tracking dashboard adoption

Business Intelligence Engineer, Boise, ID   June 2017 – Oct 2018
Micron Technology Inc
- Constructed parameterized SQL stored procedures to improve execution time of SSRS reports by 60%
- Designed ETL to track operations health metrics which reduced expiry of raw materials at warehouse facility using SQL and SSIS

Associate Analyst, Mumbai, India   Aug 2012 – Aug 2015
Colgate Global Business Services
- Won 'Ace' award for automating manual process of uploading targets, reducing service tickets by 25% by developing self-service tool

CERTIFICATION

Washington University in St. Louis   Aug 2023 - Dec 2023
Data Engineer Boot Camp

EDUCATION

University of University of Washington   Sept 2015 - June 2017
Master of Science in Information Management   GPA: 3.83

University of Mumbai   Aug 2008 - July 2012
Bachelor of Science in Computer Engineering