Shilpa Angadi

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Summary

Experienced Senior Data Scientist adept at leveraging data for actionable insights.Skilled in extracting insights from complex datasets and translating them into actionable strategies. Experienced in data manipulation, feature engineering, and algorithm development.Passionate about staying abreast of emerging trends and technologies in the field.

Employment History

Sanelo - A Santa Fe Relocation Company | Maharashtra, pune
Senior Data Scientist | 07/2022 - 09/2023

- Led the development and implementation of data-driven CRM strategies, leveraging advanced analytics techniques to optimize customer engagement and retention.
- Analyzed large-scale customer datasets to identify trends, patterns, and customer segments, resulting in improved targeting and personalized marketing campaigns.
- Developed predictive models using machine learning algorithms to forecast customer behavior, such as churn probability and lifetime value,anamoly detection enabling proactive customer retention initiatives.
- Acted as a subject matter expert on cloud migration and Analytics, providing guidance and training to junior data scientists and cross-functional teams.

Beekin Inc | Maharashtra, pune
Data Engineer / Scientist | 11/2019 - 06/2022

- Developed predictive models using ML Time Series algorithms to forecast property prices, rental rates, and demand trends, aiding in investment strategy formulation.
- Implemented statistical models to identify property value fluctuations, enabling timely adjustments to pricing strategies and to assess property market trends, buyer preferences, and competitive landscape
- Utilized advanced geospatial analysis techniques to assess property location suitability, proximity to amenities, and market competitiveness.
- Conducted more than 10 A/B tests to evaluate the impact of new features on user engagement, leading to a 20% improvement in click-through rates.
- Developed automated reporting dashboards using Power BI, providing stakeholders with real-time access to key performance indicators.

Bonfleet Solution Pvt Ltd
Data Engineer / Scientist | 04/2019 - 11/2019

- Developed ETL scripts using Python and SQL to extract and transform data from various databases, ensuring data consistency and integrity.
- Created a highly configurable system for training and back testing models based on point-in-time financial data(Uber financial Large Data ~ 1 TB) using AWS Services
- Collaborated with cross-functional teams to analyze data, extract insights, and build data pipelines with Data flow and BigQuery, resulting in improved decision-making.
- Set up monitoring and alerting using Stack driver to proactively identify and address performance bottlenecks.
- Built customer attrition Random forest model that improved monthly retention by 10 basis point.
- Collaborated with data engineers to optimize data pipelines and improve model training speed by implementing distributed computing with GCP's Dataflow and Dataproc.

Toptal | Maharashtra, pune
Python ML Developer | 01/2015 - 03/2019

- Worked as ML engineer in a Toptal project to create an MVP of a platform for building stock portfolios with continued rebalancing based on live financial data.
- Set up the GCP-based infrastructure, including a Docker-based CI/CD pipeline for both the UI and back-end service, a Kubernetes engine for parallelizing long-running worker processes, worker queues (PubSub), and scheduled tasks .
- Implemented user authentication and access control mechanisms to ensure data privacy and security.
- Researched and produced portfolio-build models, including those using neural network approximation

Professional Skills

Programming Languages:Golang, Python, R, SQL, Scala , Java |, Data Manipulation and Analysis: Pandas, NumPy, SciPy, dplyr|, Data Warehousing: Snowflake, Redshift,Postgres, SAP HANA |, Big Data Tools: Hadoop, Spark, Hive, Pig,Flink, Storm |, Version Control: Git, SVN | Agile Method of Software |, AWS (,S3,Athena, RedShift, Glue, Kuberflow,EC2)|, AWS Forecast , Polly, Transcribe, Comprehend, Lex, , GCP (DataProc,Data Studio ,Vertex AI, BigQuery , Pub/Sub)|, Deployment and Productionization: Docker, Kubernetes, Flask|, Data Visualization: Matplotlib, Seaborn, Tableau, Plotly|, Deep Learning : Pytorch , Keras , Theano|, TensorFlow, Keras, BigQuery |, Unsupervised Learning (Clustering, PCA)|, ML : Classification, Regressions, Forecasting, Time Series|, Statistics :Bayesian , A/B , Hypothesis Testing |, Excel, Graphana,Power BI, DBT , ETL, Talend,MongoDB,JenKins,Ansible,Cassandra,ElasticSearch

Education

Birla Institute of Technology and Science
M.Tech in Data Science and Analytics

Visvesvaraya Technical University
BTech in Computer Science and Engineering