

Aditya Sunil Choksi

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CERTIFICATIONS AND KEY SKILLS

- Certifications: SQL Essential Training, Creating Dashboards in Tableau, AWS Cloud Concepts, Machine Learning Specialization
- Programming Languages: Python (Numpy, Pandas, PyTorch, Tensorflow, Keras, Sklearn, Matplotlib, Seaborn), R, Java, Groovy
- Cloud, Databases and Tools: AWS, SQL, Tableau, Power BI, SAP Analytics Cloud, JIRA, Confluence, Excel
- Technical: Machine Learning, Deep Learning, Natural Language Processing, Data Analytics, Data Visualization, SAP

PROFESSIONAL EXPERIENCE

Cognitus Consulting, Dallas, Texas

Configuration Engineer

August 2023 – Present

- Collaborated with clients, business analysts, and technical teams to gather requirements and understand pricing strategies, ensuring the accurate translation of business needs into pricing software configurations using java and groovy programming.
- Translated client specific needs into software solutions to create pricelists, live price grids and quotes on pricing software.
- Developed logics for creation of approval dashboards, price records and calculated field sets on pricing software.
- Configured and customized the pricing software to align with client-specific pricing models, business rules, and workflows.

SAP Consultant Intern

June 2022 – February 2023

- Worked on SAP Vistex DRM Module to execute various test cycles to improve stability of the system.
- Provided insights using real time dashboards for the marketing team using SAP Analytics Cloud to increase revenue by 18%.
- Engaged in collaborative Pre-Sales endeavors with potential clients, providing impactful presentations, showcasing and executing proof-of-concept initiatives.

Sasa Clothing Mills, Mumbai

June 2017 – June 2021

Data Analyst

- Conducted market research and analyzed consumer behavior trends, leading to a 23% increase in sales and an improvement in marketing strategies.
- Analyzed sales data, leading to the identification of new growth opportunities and an accurate forecasting of future sales trends with a 92% accuracy rate.
- Developed dashboards and reports that improved communication of key metrics and insights to senior management.

Salasar Apparels, Mumbai

January 2014 – May 2017

Business Analyst

- Conducted cost-benefit analysis, contributing to a 15% increase in profitability and informed financial decision-making.
- Collaborated with cross-functional teams, including finance, marketing, and supply chain, to gather requirements and provide solutions that met business needs, resulting in a 30% reduction in project completion time.
- Developed and maintained KPIs, leading to a improvement in the tracking of progress and measurement of success of various initiatives.

PUBLICATIONS AND ACADEMIC PROJECTS

“Automated Guided Vehicle Using Artificial Intelligence”

February 2022

Journal of Information and Computational Science, Volume 12 Issue 2

- Analyzed the development history of Automated Guided Vehicle (AGVs) and their current applications in Intelligent Factories, Intelligent Manufacturing and Intelligent Logistics.
- Studied the integrated technologies in AGVs like automation, artificial intelligence, robotics, and autopilots and future trends towards unmanned vehicles and human-robot collaboration.

Predictive Modeling for Customer Churn, UT Dallas

January 2022 - May 2022

- Employed Python programming language and libraries such as Pandas and NumPy for data manipulation, and utilized Scikit-learn and XGBoost libraries to build and optimize a predictive model for customer churn.
- Conducted feature selection using techniques like Recursive Feature Elimination (RFE) and performed feature engineering by creating relevant churn-specific features, enhancing model performance and interpretability.

Urban Bike Rental Demand Prediction using Artificial Neural Networks, UT Dallas

May 2023 – August 2023

- Developed and optimized an Artificial Neural Network (ANN) model for predicting hourly bike rental requirements in urban cities, achieving a test accuracy of 92%.
- Conducted extensive hyperparameter tuning, including batch size, activation functions, learning rates, and dropout rates, demonstrating the importance of feature selection and parameter optimization in machine learning.

Time Series Forecasting for Transportation Company, UT Dallas

August 2022 – December 2022

- Conducted time series analysis and forecasting using Exponential Smoothing and ARIMA for a transportation company, providing insights into future trends and allowing for more informed decision making to improve supply chain management.
- Conducted thorough data preprocessing, including outlier detection and treatment, and applied seasonal decomposition using LOESS (STL) to extract seasonal, trend, and residual components, ensuring pristine input data for the forecasting model and enhancing its ability to capture underlying patterns.

EDUCATION EXPERIENCE

The University of Texas at Dallas, Richardson, Texas

August 2023

Master of Science, Information Technology Management

GPA: 3.73 / 4

University of Mumbai, Mumbai, India

November 2013

Bachelor of Engineering (Electronics and Telecommunication)