

EDUCATION

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| Arizona State University, Tempe, AZ | Aug 2025 |
| Master of Science, Information Technology | 4.00 GPA |
| Relevant Coursework: Analyzing Big Data, Database management Systems, Data Visualization, Natural Language Processing | |
| Rajiv Gandhi Proudyogiki Vishwavidyalaya, India | Aug 2017 – Jun 2021 |
| Bachelor of Technology, Computer Science and Engineering | 3.52 GPA |

TECHNICAL SKILLS

- Languages: Python** (NumPy, Pandas, Scikit-learn, Plotly, Matplotlib, Seaborn, SciPy, NLTK), **SQL**
- Visualization/Big Data Tools:** Tableau, Power BI, MS Excel (Analysis ToolPak), Qlik Sense, Postgres, **ETL Pipelines**, Kibana, Stat Tools
- Cloud Platform and Tools:** Google Cloud Platform, Google Colab, Git, JIRA, Databricks
- Statistical Analysis:** Hypothesis testing, Regression analysis, **Time series analysis**, Lean Six Sigma, Machine Learning models, Relational Database Design, Data Preprocessing, Data Interpretation and **Forecasting**, Data Warehousing
- Certifications:** Google Cloud – Cloud Digital Leader, Tableau for Data Science – Udemy, [Skillsoft Badges](#) (Release & Sprint Planning, Agile Development – Scrum, Using Kanban in IT, Software Data Analysis – Project Management Metrics)

PROFESSIONAL EXPERIENCE

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| Application Development Analyst | Dec 2021 – Jul 2023 |
| Accenture | Pune, India |
| <ul style="list-style-type: none">Leveraged advanced Tableau functions and complex calculations to facilitate data-driven decision-making, enhancing strategic insights for banking operations and reducing report generation time by 40%Designed and implemented robust ETL pipelines using Python and SQL, automating data extraction, transformation, and loading processes into Tableau, resulting in a 50% increase in dashboard efficiency and performanceLed an agile project to cut on-demand reporting by 25% by employing data modeling to create an aggregated dataset from disparate sources for self-serve Tableau reporting, decreasing manual reporting efforts by 35%Leveraged TensorFlow to develop and integrate machine learning components, resulting in a 15% enhancement in predicting user errorsApplied statistical analysis techniques such as regression and clustering to derive actionable insights for business decision-making and forecast user behavior trends, contributing to strategic decision-making processes | |
| Application Development Associate | Oct 2021 – Dec 2022 |
| Accenture | Pune, India |
| <ul style="list-style-type: none">Employed Python for data wrangling & statistical analysis, improving web app development and user experienceBoosted operational efficiency by 17% through optimized data collection and analytics, streamlining processes for over 150 datasets and increasing business value by 25%Analyzed vast, complex datasets through decision trees & causal inference in machine learningReduced bug resolution time by 14% during critical releases through effective issue resolution & documentation, while utilizing data mining techniques for product analytics & improvement strategies | |

PROJECT WORK

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| Predicting Customer Lifetime Value (CLV) | Mar 2024 – Jun 2024 |
| <ul style="list-style-type: none">Conducted EDA on the "Online Retail II" dataset from UCI to identify data patterns and relationshipsApplied machine learning algorithms including Linear Regression, Decision Trees, Random Forests, Gradient Boosting, and Neural Networks, achieving a quantitative performance measure with RMSE of 2777.33 using Decision Tree RegressorUtilized quantitative insights to optimize marketing strategies, enhancing customer retention and driving revenue growth for e-commerce businessesDemonstrated proficiency in translating quantitative findings into actionable insights, facilitating informed decision-making in dynamic market environments | |
| Data Science Job Salaries Dashboard, Arizona State University | Feb 2024 – Apr 2024 |
| <ul style="list-style-type: none">Spearheaded development of the "Data Science Jobs Salaries Dashboard," leveraging a Kaggle dataset to conduct in-depth analysis of salary distributions, job classifications, and experience profiles within the realm of data scienceCrafted an interactive dashboard featuring intuitive filters and visually engaging plots, catering to HR Managers, Finance Teams, Compliance Officers, Talent Scouts, Data Scientists, and Department HeadsDelivered insights on company size, geographic salary distributions, and global salary trends for data science roles, aiding strategic decision-making and talent management | |