

Asawari Kadam

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EDUCATION

Santa Clara University

Master of Science in Information Systems

Sept 2023 - June 2025

GPA 3.9/4.0

- **Relevant Coursework:** Machine Learning | Data Analytics with Python | Big Data Modelling | Database Management Systems | Object Oriented Programming

College of Engineering, Pune, India

Bachelor of Technology (B. Tech) – Electrical Engineering

Aug 2012 - May 2016

GPA 3.5/4.0

INTERNSHIP & PROFESSIONAL EXPERIENCE

Tesla, Inc

Austin Gigafactory, Texas

Data Analyst Intern

June 2024 - Sept 2024

- Engineered **Airflow pipelines** for 4680 Cell formation to classify each cell unit by failure categories, ensuring accurate yield calculation by seamless integration of data from multiple sources into centralized data tank
- Designed **real-time dashboards with Tableau** to monitor and track cell formation processes and equipment status, reducing scrap rate by **30%** and enhancing visibility for decision making in production
- Conducted daily analyses of yield and metric shifts by developing **single command execution python utilities** and created insightful reports for visualization using tools like Tableau, Power BI
- Led the design and maintenance of Cell Formation Program's data architecture, utilizing Apache Airflow for workflow automation, Python and **SQL** for efficient database management, and GitHub for version control

Benhamou Global Ventures LLP

Menlo Park, CA

Data Science Intern

Jan 2024 – June 2024

- Leveraged **machine learning** and **data mining** on Tracxn to automate screening of investment opportunities, enhancing deal flow by integrating ML and Python for data analysis and automation scripts
- Developed an AI evaluation bot using **NLP**, streamlining deal scoring and selection while employing Python and Tableau for dashboard analytics

ORACLE Corp

Pune, India

Cloud Data Engineer

July 2016 - July 2023

- Designed and implemented robust data pipelines using SQL, Python, and Oracle Data Integrator (ODI), ensuring the efficient extraction, transformation, and loading (**ETL**) of large datasets from diverse sources
- Collaborated with cross-functional teams to develop data models and optimize database performance, resulting in a 25% reduction in query processing time and improved data retrieval efficiency
- Developed and maintained complex data warehouses and data marts, enabling advanced analytics and business intelligence reporting for key stakeholders and provided 24*7 support for issues on production environments
- Deployed ORMB, a monolithic SaaS enterprise application, into Microservice-based architecture in form of docker containers using **Kubernetes** for container orchestration in Kubernetes cluster on Cloud Native platform

TECHNICAL SKILLS

- **Programming:** SQL, Java, **Python** (NumPy, Scikit-learn, Pandas, Matplotlib, TensorFlow, Keras, spaCy, NLTK, Seaborn), Shell/Bash Scripting
- **Data tools:** **Tableau**, **Power BI**, Jupyter, Spark, Kafka, ETL, Data Warehousing, Presto, Looker Studio, Workday
- **Skills:** Data **Visualization**, Data Mining, **A/B Testing**, Data Wrangling, Advanced Excel, Google Analytics, Big Data
- **Tools:** JIRA, Confluence, Chef, Ansible, Jenkins, Kubernetes, Docker, GIT, SVN, Prometheus, ELK, Maven, Gradle, Grafana, Apache Zookeeper, JFrog Artifactory, Google suite, Oracle Database
- **Cloud Platforms:** Oracle Cloud, Amazon Web Services, Google Cloud Platform
- **Certifications:** Google Cloud: Core Infrastructure Course, Developing a Google SRE Culture

ACADEMIC PROJECTS

- **US Car Accidents Data Analysis:** Led end-to-end analysis of over 7.7 million-records US car accidents dataset, with libraries of **Pandas**, **Sklearn**, **Matplotlib**, **Seaborn** and deduced conclusions with use of decision trees, Kmeans, SVMs
- **Skincare Product Recommendation System:** Developed a **machine learning model** to accurately predict the product for a specific skin type and price of products based on product features with Logistic Regression, RandomForest, XG Boost, GridSearch, Neural networks, Clustering, PCA, Vectorization etc