

Paritosh Kiran Gandre

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WORK EXPERIENCE

Kent State University – Kent, Ohio

FEB 2025 – MAY 2025

Research Assistant – Deep Learning for Genomic Data Analysis

- Designed and deployed predictive models on 50K+ DNA sequences, boosting genomic-pipeline efficiency by 40%
- Engineered Python (Pandas) & SQL ETL workflows to ingest, clean and integrate raw data, reducing support tickets by 20%
- Developed transformer-based classifiers, improving ROC AUC by 15% for clinical-trial decision support
- Built and published interactive Power BI dashboards for research stakeholders, tracking model performance and dataset metrics
- Instituted Agile QA protocols and data-governance standards, cutting pipeline defects by 15%

Kent State University – Kent, Ohio

JAN 2025 – MAY 2025

Food Service Supply Chain Analyst

- Authored SQL queries against POS and vendor databases to pull 3,000+ daily fry-station transactions into Google Sheets for analysis
- Built a hybrid Excel / Python forecasting model using historical foot-traffic, reducing ingredient over-purchases by 15% on a \$10K seasonal budget
- Collaborated weekly with IT/data teams to automate ETL pipelines, staging supply-chain data for Power BI visualization
- Configured Power BI KPI alerts, cost per meal, margin per item, waste rate, to ensure uninterrupted service at events hosting 1,000+ attendees
- Presented monthly dashboards to the Catering Committee, driving a 10% reduction in spoilage costs

Inke(SafeSpace) – Orlando, Florida

MAY 2024 – DEC 2024

Data Scientist

- Defined success metrics and built 5+ automated dashboards (Tableau, Power BI) for business operations and CapEx forecasting
- Designed a comprehensive suite of Python-based tools for real-time insights into key supply chain metrics, resulting in a 90% increase in overall operational efficiency
- Constructed robust data validation and profiling routines using SQL and Python, which fortified data governance and reduced data inconsistencies by 25%
- Developed and maintained 3 GCP-based ETL pipelines (T-SQL), improving data accessibility by 60%
- Launched an OpenAI-powered support assistant, cutting ticket resolution time by 40%

Kent State University Dining Services – Kent, Ohio |

APR 2024 – DEC 2024

Catering Operations & Analytics Associate

- Extracted and merged 15K+ rows of inventory & POS data using SQL and Python, identifying waste hotspots and cutting food costs 12% MoM on a \$40K budget
- Developed weekly Power BI dashboards on sales trends, waste metrics, staffing forecasts and margin per item, used by Finance and Operations teams
- Executed hypothesis-driven analysis (“Which entree yields the highest margin?”; “How does weather affect traffic?”), optimizing prep volumes and boosting profitability
- Presented data-driven insights to cross-functional teams, driving a menu redesign that increased average check size by 5%

TECHNICAL SKILLS

Programming & Scripting: Python (Pandas, NumPy), SQL (T-SQL), VBA

Data Engineering & ETL: Airflow/cron, GCP (BigQuery), CI/CD pipelines, Data Modeling, Data Warehousing

BI & Visualization: Power BI, Tableau, Google Data Studio, Excel (Power Query, pivot tables)

Machine Learning & Statistics: Scikit-learn, TensorFlow, Keras, hypothesis testing, A/B testing

Tools & Collaboration: Git, JIRA, Agile/Scrum, REST APIs

EDUCATION

Master of Science in Data Science

Kent, Ohio

Kent State University | GPA : 3.4/4.0

AUG 2023 – MAY 2025

Courses: Artificial Intelligence (TensorFlow, PyTorch, Keras) , Statistical Learning, Applied Statistics, Computational Statistics

Bachelor of Engineering – Computer Engineering

Mumbai, India

University of Mumbai | GPA : 8.99/10

JUL 2020 – JUL 2023

PROJECTS

AI Powered Blog Post Generator

JUN 2025

- Engineered a GPT-3.5–based Flask microservice to auto-generate SEO blog posts, integrating OpenAI API and custom prompts
- Automated end-to-end pipeline, slashing content cycle time by 70% and improving freshness metrics