Yashwanth Chikki HD

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Technical Skills

Languages & Databases: Python, SQL, JSON, PostgreSQL, MySQL, SQLite, Snowflake
Data Analytics & BI Tools: Power BI, Tableau, Streamlit, Excel (Power Query, Pivot Tables), Matplotlib, Seaborn, Plotly
Analytics & Data Skills: Exploratory Data Analysis (EDA), Data Cleaning & Wrangling, KPI Design, Dashboard Development, A/B Testing, Cohort Analysis, Funnel Analysis, Customer Segmentation, Correlation Analysis
Python & Machine Learning: Pandas, NumPy, Scikit-learn, Feature Engineering, Predictive Modeling
Tools & Workflow: Git, Jupyter Notebook, PDF/Excel Automation, Agile Collaboration

Experience

Apprentice – Analytics & ML, Fidelity Investments – Bangalore, Karnataka   Feb 2025 – Present
- Developed 4 ML tools (CES predictor, intent classifier, page/advisor ranking systems) with Streamlit; engineered feature pipelines and deployed models to guide prioritization and resource allocation.
- Designed dynamic ranking interfaces with scenario simulation logic; provided actionable insights from correlation analysis to product and design teams.

Machine Learning Intern, Innosights Soft Solutions – Bangalore, Karnataka   Feb 2024 – Apr 2024
- Implemented CNN for plant disease detection on 60k images-dataset,compared multiple architectures,enhanced generalization with data augmentation and normalization, and achieved high validation accuracy.
- Integrated the model into Flask app for near real-time inference with preprocessing and confidence thresholds.

Projects

Customer Effort Score (CES)
- Designed new KPI measuring transaction friction; built logistic regression classifier using 12 engineered features to predict high-effort transactions before failure.
- Replaced NPS (Net Promoter Score) with CES as primary app health metric; reduced transaction abandonment by enabling targeted friction fixes.

Transaction Intent Estimation
- Built multi-class classification model predicting user transaction intent across 88 transaction types.
- Improved workflow optimization and transaction success prediction accuracy.

Page Prioritization Tool
- Built Streamlit tool analyzing 14 features (user friction, revenue, volume) to rank app pages by impact; enabled dynamic scenario simulation for development prioritization.
- Helps product teams make data-backed decisions on which pages to migrate to native mobile app based on ROI.

Advisor Ranking & Incentive Optimization
- Designed advisor ranking system (Streamlit) expanding from asset under management(AUM)-only to 16 strategic features (growth, risk, early-stage value).
- Optimized incentive allocation; improved advisor retention by recognizing and rewarding early-stage focused advisors beyond pure AUM.

Education

B.E., Artificial Intelligence & Machine Learning   Jun 2024
Dayananda Sagar College of Engineering – Bangalore, India