

# Fnu Abhijith

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## PROFESSIONAL SUMMARY

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Data professional with **4.5+ years of experience** building analytics and machine learning systems where **business decisions—not models—are the primary output**. Strong background in **experimentation, cost-aware modeling, and executive dashboards**, with proven ability to translate ambiguous business problems into **clear, measurable, data-driven outcomes** across cross-functional teams.

## SKILLS

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**Programming & Analytics:** Python, SQL, Pandas, NumPy, exploratory data analysis, KPI definition, ad-hoc analysis.

**Statistics & Experimentation:** A/B testing, hypothesis testing, confidence intervals, statistical inference.

**Machine Learning:** Regression, classification, clustering, ensemble models, model evaluation, SHAP.

**Visualization & Reporting:** Power BI, Tableau, Streamlit, executive dashboards, data storytelling.

**Data Engineering & Platforms:** Data pipelines, automated reporting, FastAPI, PostgreSQL, MySQL, AWS, Azure, Git.

## EXPERIENCE

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### Data Scientist | Cognizant

Sep 2020 - Dec 2023

- Owned **end-to-end analytics and machine learning initiatives**, from problem definition and data exploration to model development, validation, and stakeholder delivery.
- Designed and implemented **predictive, classification, and statistical models** using Python and SQL to drive measurable business insights and operational improvements.
- Led **feature engineering, data quality validation, and advanced EDA** on large, complex datasets to identify trends, risks, and performance drivers.
- Partnered with **product, business, and engineering teams** to translate ambiguous requirements into scalable, production-ready analytical solutions.
- Delivered **executive-level dashboards and reports** used by leadership and client teams to guide operational and product decisions.
- Improved analytical efficiency by **automating workflows and standardizing reporting**, reducing manual effort and turnaround time.

### Data Analyst | Boven Technologies

Jul 2019 - Aug 2020

- Conducted **deep-dive data analysis** using SQL and Excel to support strategic and operational decision-making across business teams.
- Built and maintained **KPI dashboards and performance reports**, providing clear visibility into trends, risks, and opportunities.
- Collaborated with stakeholders to deliver **actionable insights**, ensuring data accuracy, consistency, and alignment with business objectives.

## PROJECTS

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### A/B Experiment Decision Dashboard | Python, SQL, Pandas, Statistics, Tableau, Streamlit ([Github](#))

- Designed a centralized decision dashboard by defining experiment KPIs, data validation rules, and business logic to ensure **accurate, consistent, and reusable A/B test insights** across teams.

### Cost-Aware Fraud Decisioning | Python, XGBoost, SHAP, FastAPI, Machine Learning ([Github](#))

- Built a cost-aware fraud decision system by optimizing classification thresholds against **business loss functions**, deploying an explainable ML model with **SHAP insights** to support risk-aware decision-making.

## EDUCATION

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University of Memphis, **Master of Science in Data Science**

Dec 2025