

Yatharth Vaish

Early-Career Data Analyst | Python, SQL, BI Dashboards | Strong Business Impact | IIT Jodhpur

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PROFESSIONAL SUMMARY

Analytical and business-focused **Data Analyst** with hands-on expertise in **Python, SQL, Power BI**, and **applied machine learning**. Proven record of delivering high-impact analytics, including **\$500K in churn savings**, optimizing ad placement in live streams, and improving healthcare outcomes with predictive modeling. Adept at cross-functional collaboration and transforming complex data into strategic actions. Certified by Google, IBM, and Microsoft. Pursuing a **BS in AI & Data Science** from IIT Jodhpur.

TECHNICAL SKILLS

- **Programming & Tools:** Python, SQL, Power BI, Tableau, Pandas, Scikit-learn, NumPy, Git, Seaborn, MATLAB
- **Techniques:** A/B Testing, ETL Automation, Data Cleaning, Statistical Modeling, Time Series Analysis
- **Soft Skills:** Data Storytelling, Agile Collaboration, Strategic Thinking, Problem Solving

PROFESSIONAL EXPERIENCE

Data Analyst, Innodata Inc. – India (Hybrid) Oct 2024 – Present

- Managed ML training data pipelines with **95%+ accuracy**, enhancing ETL workflows across teams
- Automated reporting tasks and QA workflows, cutting delivery time by **30%**

Data Analyst Intern, Happieloop Technologies – India (Remote) Aug 2023 – Jan 2024

- Analyzed customer behavior via **SQL** and **A/B testing**, improving retention by **18%**
- Automated **Power BI** dashboards for KPIs, saving **25%** in reporting hours

PROJECTS

Customer Churn Analysis (Telecom)

- Built a Random Forest model on **10K+ records**, achieving **88% AUC-ROC** and uncovering key churn drivers.
- Enabled targeted campaigns reducing churn by **15%**, saving \$500K annually.
- Automated ETL pipelines and built **Power BI dashboards**, cutting analysis time by **40%**

Ad Placement Optimizer (Live Streaming)

- Analyzed **1M+ stream events** to build a model predicting optimal ad timings
- Boosted **CTR by 21.3%** and reduced viewer **drop-offs by 18.7%** with stream analytics
- Delivered actionable insights via Power BI dashboards integrated with Python pipelines

Cardiovascular Disease Prediction

- Developed a predictive model for cardiovascular diagnosis using machine learning on curated clinical datasets, achieving **95.64% accuracy**.
- **Published peer-reviewed research** emphasizing model interpretability and its implications for early diagnosis.

EDUCATION

Indian Institute of Technology, Jodhpur Expected Jun 2028

BS in Artificial Intelligence and Data Science, (Part-Time)

- **Relevant Coursework:** Data Analytics, Statistical Methods, Algorithmic Thinking.

KIET Group of Institution | Dr. APJ Abdul Kalam Technical University Nov 2020 – Jun 2024

BTech in Computer Science and Information Technology

- **GPA:** 7.2 /10
- **Relevant Coursework:** Machine Learning, Cloud Computing, Big Data

CERTIFICATION

- Google Data Analytics Certificate
- IBM Data Science Certificate
- Databases and SQL for Data Science with Python
- Microsoft Azure Data Scientist Associate