

Atindro Roy Chowdhury

Data Engineer & Data Analyst

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Skills

Technical: Python, SQL, C#, F#, Rest API, MongoDB, BigQuery, Power BI, Looker, Azure, Tableau, Excel, Snowflake, AWS, PySpark, Pymongo, Looker, Airflow, GCP, Data Pipelining, Data Analysis, ETL & ELT, CI/CD, Workflow Automation, S3, CodeBuild, Databricks, Redshift, Version Control, Shell Scripting

Work Experience

- Hitwicket** Hyderabad, IN
Product Analyst Dec 2024– November 2025
- Leveraged multi-source **data pipelines (MongoDB, Firebase, Adjust, Feather, AWS & GCP)** to analyze high-velocity player and product data, dealing with **150+** product based issues and building **Multiple scalable dashboards** driving strategic insights.
 - Developed **automated analytics** and dashboards using **Python, SQL, and BI** tools, improving KPI visibility across departments and reducing decision turnaround time by **40%**.
 - Conducted player lifecycle analytics : cohort, funnel, and segmentation analyses, optimizing retention (**+18%**), engagement (**+22%**), and monetization efficiency (**+15%**).
 - Partnered with product and marketing teams to assess ad campaign performance (**Meta, GCP**), improving acquisition **ROI by 25%** through data-driven audience targeting and creative optimization.
 - **Led** a cross-functional team focused on VIP users, successfully re-engaging 108 VIP players and **generating a total LTV of \$34K** through **data-driven insights** and personalized communication.
- Freelancer** Remote
Data Engineer & Business Analyst May 2024– Dec 2024
- Partnered with international clients and businesses to deliver end-to-end data engineering and analytics solutions, covering data extraction, transformation, warehousing, and business intelligence reporting.
 - Developed and maintained automated **ETL pipelines** and interactive dashboards using **Python, SQL, AWS, F#, and C#**, enhancing data quality, scalability, and real-time reporting capabilities.
 - Generated actionable insights through **Excel, Power BI**, and machine learning models, enabling stakeholders to make data-driven decisions that improved operational efficiency and strategic outcomes.
- OneCM** Ontario, CA
Product Analyst Feb 2024– Apr 2024
- Performed statistical modeling and data validation using **SQL and Python**, improving data accuracy by **40%** and enabling reliable product insights.
 - Monitored performance metrics across campaigns, uncovering insights that **improved conversion efficiency by 22%**.
- Heart It Out** Bengaluru, IN
Data Engineer Intern Sep 2023– Dec 2023
- Collaborated cross-functionally to implement **automated data pipelines**, improving reporting efficiency by **3x** and reducing manual effort by **50%**.
 - Applied **advanced analytics** and **Python automation** to deliver real-time insights, accelerating decision-making for leadership teams.

Education

VIT Vellore
B.Tech, ECE, GPA: 8.13

Vellore, IN
2021-2025

Professional Certifications

- **Oracle Certified** OAC Data Analyst
- **Snowflake Certified** Data Engineer
- **Google Certified** GCP Professional
- **Oracle Certified** OCI Multi-Cloud Architect

Leadership and Activities

- **President**, Sales and Management -Riviera, VIT Vellore
 - **Led a 60+** member sales and sponsorship team, driving revenue generation for one of India's largest college cultural festivals with footfall exceeding **30,000+ attendees**.
 - Negotiated partnerships and sponsorships worth lakhs with brands across sectors like FMCG, tech, and education, surpassing annual revenue targets by **15%**.
 - Developed & implemented data backed strategies that **increased** merchandise sales rate by **37%**.
- **Data Team Lead**, Project: Heat stroke Prediction and mediation.
 - Impact: **Reduced** incident response time by **40%** and improved proactive interventions for at-risk individuals in high-temperature regions.
 - An overall **accuracy of 94%** was achieved in predicting strokes.
 - Tools & Stack: Python, Pandas, Scikit-learn, Streamlit.

Portfolio Projects

- Built an end-to-end CI/CD pipeline on **AWS (EC2, S3, CodeBuild, CodeDeploy, CodeArtifact)** to **automate build and deployment** of a Java web application. [[Link](#)]
- Built multiple **ETL and ELT pipelines** integrating data from **APIs, AWS, Azure, and Snowflake**; automated workflows using **Airflow, Databricks, and CI/CD frameworks**. [[Link](#)]
- Developed data-centric analytical tools and **web apps** using **Streamlit, Python, C#, and Spark**; implemented predictive analysis and interactive dashboards for business insights. [[Link](#)]
- Designed **ML models** leveraging **optimization algorithms** to predict medical outcomes and deployed **real-time data streaming** to API endpoints. [[Link](#)]

Languages

Language: English (Fluent), Hindi (Fluent), Bengali (Fluent), Spanish (Intermediate), Arabic (Basic)