

ABHILASH BAG

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SUMMARY

Financial Analyst specializing in financial reporting automation, cost allocation, and cash flow analysis using Python, SQL, Power BI, and Zoho Books. IIT Roorkee graduate combining a quantitative engineering background with financial modeling and dashboard development.

EXPERIENCE

TETR College of Business(Masters' Union)

Dec 2025 – Present

Financial Analyst

Gurugram

- Eliminated **60%** of manual reporting effort by automating Excel-based **P&L consolidation workflows**, compressing monthly close cycles and enabling faster financial reviews for leadership.
- Built a **Python Common Cost Allocation Engine** to allocate the common costs of the company using 5 ratio drivers to allocate amount across 3 hierarchy.
- Merged 6–8 **Zoho Books** ledgers (Invoices, Credit Notes, Bills, Vendor Credits, Journals, Bank Ledgers) into a unified **financial data model** via **Power Query ETL** and relational modeling in **Power BI**, creating a single source of truth for reporting.
- Engineered a **Power BI P&L dashboard** tracking financial performance at Programme, Course, and Cohort levels with **10+ DAX measures** Income, Delivery Cost, Gross Margin, **CM1**, **EBITDA**, Finance Cost, and Net Profit enabling automated reporting aligned with financial reporting structure.
- Deployed a **Power BI Cash Flow dashboard** using bank ledger data to monitor inflows, outflows, and liquidity position, giving leadership real-time cash health visibility for financial planning.

Cox&Kings

Aug 2025 – Dec 2025

Business Analyst Intern (Founder's Office)

Delhi

- Improved sales **conversion tracking accuracy by 9.5%** by delivering **Power BI Sales & MIS Dashboard** insights directly to the Director, driving a measurable shift in sales strategy and pipeline management.
- Reduced **manual MIS reporting time by 40%** through automation of CRM to dashboard pipelines and standardization of reporting templates across business units.
- Developed **customer segmentation models** (by city, age, group size, and destination) to enable precision **data-driven marketing campaign targeting** and improve marketing ROI.

Raizzify

Jun 2024 – Sep 2024

Data Analyst Intern

Bhopal, MP

- Cut **operational expenses by 20%** by surfacing cost inefficiencies through **SQL and DAX driven expense allocation models** into real-time **Power BI** dashboards.
- Accelerated **decision-making speed by 15%** by delivering real-time financial **KPI dashboards** tracking revenue, expense, and profit margin across departments.
- Enhanced report accuracy and eliminated data silos by automating metric calculations and streamlining data flow between accounting and analytics systems.

Department of Hydrology, IIT Roorkee

May 2022 – Jul 2022

Summer Research Intern

IIT Roorkee

- Built a **Long Short-Term Memory (LSTM)** deep learning model to predict Soil Moisture across **75%+ of India's geography** using **1,781** data points with inputs including Precipitation, Temperature, and Humidity.
- Achieved high predictive performance with **RMSE of 0.09** and **Correlation Coefficient of 0.87**, demonstrating strong model accuracy and reliability for hydrological applications.
- Managed the full ML pipeline data cleaning, feature engineering, model design, training, and evaluation using **Python, TensorFlow/Keras, NumPy, Pandas, and Scikit-learn**.

EDUCATION

- Indian Institute of Technology Roorkee**
Integrated M.Tech in Geological Technology

Nov 2020 – Jul 2025
Roorkee, UK

SKILLS

Business Intelligence: Power BI, DAX, Power Query, Data Modeling, Star Schema, ETL, Data Visualization, Dashboard Development, KPI Reporting

Programming & Data: Python, SQL, Pandas, NumPy, openpyxl, Data Cleaning, Data Wrangling, Statistical Analysis, Process Automation

Financial Analytics: P&L Reporting, Cost Allocation, Financial Modeling, Cash Flow Analysis, Balance Sheet, Budgeting, Forecasting, Variance Analysis, Profitability Analysis, Unit Economics, MIS / Management Reporting, Revenue Analysis

Machine Learning: TensorFlow, Keras, Scikit-learn, Predictive Modeling, Deep Learning (LSTM), Feature Engineering

Tools & Platforms: Excel (Advanced Pivot Tables, Power Pivot, VLOOKUP), Zoho Books, Anaconda, Jupyter Notebook, PyCharm

Business Skills: Cross - Functional Stakeholder Management, Requirements Gathering, Business Partnering