CONTACT

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KNOWLEDGE PURVIEW

Client Reporting & Presentation

Client Needs Assessment

Data Analysis

Model Performance Evaluation

Back Testing

Financial Modelling

Sensitivity Analysis

Risk Management

Google Analytics

Stakeholder Management

Project Management

Client Relationship Management

EDUCATION

2021
Integrated MSc. In Geology
IIT Kharagpur

2015
AISSCE (CBSE)
ST. Anslem's Pink City School

TECHNICAL SKILLS

- SQL
- SAS
- Tableau
- JIRA
- Microsoft Office (PowerPoint/Excel/Word)

POSITION OF RESPONSIBILITY

- **2019-20: Hall President, Patel Hall, IIT Kharagpur**
  Represented 450 boarders in Student Senate and managed a budget of INR 18.98 Lacs for hall events.
- **2019-20: Head, Illumination, Patel Hall**
  Managed a budget of INR 1.5 lacs and man power for building and 18 ft framework & transportation of material
- **2019-20: Squash Captain, Patel Hall**
  Led the squash team to third place out of 12 halls.

AWARDS & ACHIEVEMENTS

- 2019: **Bronze Winner**: Launched adventure sports subsidiary for a reputed Indian firm with a budget INR 6 Crores.
- 2019: Data Analytics Championship: Bagged **gold medal** for predicting cell tower network congestion.
- 2018: **Gold Medal** in Open IIT Dramatics
- 2016: **Silver Medal** in National Service Scheme Camp for teaching 50+ students in nearby villages

ABHIMANYU SINGH

Financial Analytics | Consultant | Business & Data Analyst

OBJECTIVE

An analyst with extensive experience in model development, validation, and risk management. Adept at using advanced statistical techniques and machine learning algorithms to deliver insightful analysis and drive data-driven decision-making. Seeking a challenging role to leverage my skills in contributing to organizational growth and success.

PROFILE SUMMARY

- Over **three years** of experience in data analysis and model development, specializing in financial risk management.
- Skilled in **advanced data analytics techniques**, including logistic regression, random forest, and time series analysis.
- Demonstrated expertise in data cleaning, reconciliation, and profiling for accurate model development.
- Experienced in creating and managing detailed documentation for model assumptions and validation results.
- Adept at using tools such as SQL, SAS, Tableau, Python, and MS Office for comprehensive data analysis and reporting.

WORK EXPERIENCE

Jun'21 Present	**Financial Analytics Consultant, EXL Analytics, Gurgaon:**
	
	Integrated Modeling and Digital Engagement Strategy for Leading US Bank
	• Developed the PD model using baseline hazard function, behavioral variables, and macroeconomic variables.
	• Revalidated loss forecasting models for CCAR and CECL using discrete-time survival analysis.
	• Conducted data reconciliation, correlation analysis, and various model validation tests, ensuring robustness and stability.
	• Performed sensitivity analysis for macroeconomic scenario-based stress testing.
	• Authored comprehensive model development documents, facilitating transparency and audit readiness.
	• Managed technical queries from internal audit teams, ensuring effective communication.
	• Spearheaded and enabled the launch of a trigger-based digital marketing program, enhancing digital engagement and reducing first-year attrition:
	  o Program outreach included over 2.5 million unique customers, increasing digital engagement by 40% and customer engagement by 70%.
	  o Launched a non-traditional quarterly campaign resulting in net savings of approximately $50,000.
	  o Analyzed consumer data to identify market trends and develop actionable marketing strategies.
	  o Developed detailed reports, visualizations, & automated dashboards to enhance data-driven decision-making.
	
	Actionable Customer Insights and Data-Driven Decision Making
	
	• Leveraged SAS, SQL, and Tableau for market campaigns, extracting valuable insights.
	• Developed Tableau dashboards for actionable customer insights, enhancing decision-making.

PROJECTS UNDERTAKEN

KLEF | Business Development Intern
- Analyzed marketing metrics using Advanced Google Analytics including traffic, conversion rate and inbound links.
- Reduced bounce rate from 54% to 29% in 2 months by implementing effective Google Analytics strategy.