



AKSHAT MISHRA

ACADEMIC QUALIFICATIONS

Year	Degree /Board	University /Institution	%/CGPA
2025*	Post Graduate Diploma in Business Analytics	IIM Calcutta, IIT Kharagpur, ISI Kolkata	-
2021	B.Tech Electrical Engineering	Zakir Hussain College of Engineering and Technology	84.15 %
2016	CLASS XII	Saiyyid Hamid Senior Secondary School	85.6 %
2014	CLASS X	Our Lady of Fatima	9.4/10

KEY SKILLS/TOOLS Data Mining, Data Visualization, Critical Thinking, SQL, Python, R Programming, Power BI, Excel

WORK EXPERIENCE (22 Months)

Wipro Ltd	Analyst	Greater Noida (Aug '21 - May '23)
Identity and Access Management	<ul style="list-style-type: none">■ Gained thorough knowledge of IAM tools like Sailpoint IIQ and CyberArk- Privileged Access Management■ Gained exposure with various IT support tools like Service Now, Active Directory & Microsoft Azure AD■ Supported clients in User Provisioning - Deprovisioning, Access Control Policy and Lifecycle Management	
Incident Management	<ul style="list-style-type: none">■ Executed day to day IT support activities with the offshore teams to maintain Users' Access and Identities■ Analyzed, resolved L2 level support and downstream change requests, and participated in client meetings■ Maintained documentation and SOPs for workflows and failures, for the future reference of project's users	
Key Learnings	<ul style="list-style-type: none">■ Enhanced interpersonal skills & put collaborative abilities to test by working with multiple diverse teams■ Mentored new onboards and provided knowledge transfer to them which improved me as a team enabler	
Recognition	<ul style="list-style-type: none">■ Received on spot recognition by client and team lead for prompt response to a critical issue encountered	

AWARDS AND ACHIEVEMENTS

Case Competitions	<ul style="list-style-type: none">■ Finalist in 1000+ participants in "Analytica", analytics competition organized by ICAR, Hyderabad [23]■ Ranked 6th out of 940 in "IDB Analytics 3.0", analytics case competition organized by IIM Calcutta [23]
Certifications	<ul style="list-style-type: none">■ Cleared SQL (Advanced) level (HackerRank) Completed Investment Risk Management from Coursera

ACADEMIC PROJECTS

Credit Card amount Prediction (Regression)	<ul style="list-style-type: none">■ Fitted MLR (using OLS, Lasso, Ridge) model for predicting total transaction amount from Credit Card data■ Performed EDA; ANOVA ; Chi-Square and KS Test to check normality of errors PCA for multi-collinearity■ Analysis of residuals using quantile-quantile plot arrived at R-squared score of 0.985 and RMSE of 231
Business Recommender	<ul style="list-style-type: none">■ Built a content-based filtering recommendation system for businesses on dataset 8 GB of Yelp (JSON files)■ Conducted sentiment analysis with VADER & transformed review text & categories using TF-IDF Vectorizer■ Identified top 5 recommendations using cosine similarity & super-score & addressed the cold start issue
Football Matches Forecasting (Time Series)	<ul style="list-style-type: none">■ Forecasted International men's football matches using past 139 years of yearly data using 45,315 results■ Checked stationarity using ADF test, analyzed ACF-PACF plots for SARIMA order , Ljung-Box for residuals■ Selected the best model using grid search based on AIC & BIC; obtained MAPE of 14.41% for best model
Market risk analysis	<ul style="list-style-type: none">■ Performed sectoral return correlation and market risk analysis using CAPM with Nifty 50 as benchmark■ Optimized highest - beta sector portfolio using Markowitz Theory, resulting in an improved Sharpe ratio

ADDITIONAL PROJECTS

Risk measures & Portfolio mgmt. (Prof. Vivek Rajvanshi)	<ul style="list-style-type: none">■ Formed the Long - Short portfolios using momentum strategy over a historical period of 14 years of NSE■ Analyzed the portfolios using Value at Risk strategy applying 10 decile approach in historical simulation■ Examined the sub-additive limitation of Value at Risk method during the periods of unexpected returns
Inventory Management	<ul style="list-style-type: none">■ Safety Stock optimization based on the service level & lead time to ensure minimal loss due to stockouts■ Ranking of vendors through normalizing key metrics such as credit period, sales variance & sales volume■ Assessed stocking policies using Inventory Turnover Ratio to ensure balance between stock & inventory
Object detection (Classification)	<ul style="list-style-type: none">■ Performed EDA & manually annotated RPC dataset images in Yolov5 format, detect & classify retail items■ Using the Bounding box coordinates; detect & classify objects with Mean Average Precision(mAP): 0.673

POSITIONS OF RESPONSIBILITY & EXTRA CURRICULARS

Internship Coordinator	<ul style="list-style-type: none">■ Conducted several Guest Lectures & Industrial Interactions under Institute Innovation Council, ZHCET■ Worked under Training and Placement Office towards transforming the internship placement process
Event Manager	<ul style="list-style-type: none">■ Worked voluntarily in organizing several District & State level tournaments under the guidance of ADTTA
Sports	<ul style="list-style-type: none">■ Part of Aligarh District Table Tennis team four times for Uttar Pradesh State Level Ranking Tournaments■ Represented IIM Calcutta at the Inter IIM tournament Sangharsh-2024, as a part of the Table Tennis team■ Winner of Basketball and Cricket in the inter section tournament, "Section Wars" of IIM Calcutta in 2023

ELECTIVES : SCA, Big Data Processing, Financial Risk Mgmt

INTERESTS : Table Tennis, Calisthenics