

# Training Notification Form, IIT Delhi

## Company Overview

**Name:** Barclays

**Website:** [www.barclays.com](http://www.barclays.com)

**Company Type:** Analytics

**Description:** Bank

## Project Details

**Designation:** Quantitative Analytics

**Type:** Analytics

**Location:** Noida

**Project Details:** Overall purpose of role  
The Quantitative Modeller position provides project specific leadership in building targeting solutions that integrate effectively into existing systems and processes while delivering strong and consistent performance. Working with QA Managers, the quantitative modeller role provides expertise in project design, predictive model development, validation, monitoring, tracking, implementation and/or specification

### Key Accountabilities

- Develop predictive models, statistical analyses, optimization procedures, monitoring processes, data quality analyses, and score implementations and specifications.
- Participate in overall project design and delivery with Quantitative Analytics' other functional teams and end-clients.
- Produce robust documentation to ensure replicability of results and fulfil Barclays governance requirements.
- Work constructively with other Barclays resources to deliver projects.
- Work with other colleagues to ensure project completion within agreed time frames and end-client satisfaction.
- Contribute to the broader Quantitative Analytics department through participation in peer reviews, terms of reference reviews, modelling forums, and ad hoc project collaboration.

### Stakeholder Management and Leadership

- Lead resource on projects and bank system migrations, understanding proposed changes, impacts to risk, solutions to mitigate, RAIDs (risks, assumptions, issues, dependencies) to manage, timelines to deliver, resource requirements to deliver.
- Drive the delivery of allocated offshore resources, providing subject matter expertise (systems, data and solutions) and ensuring delivery commitments are met. Act as the interface between the business and junior offshore team members where necessary.
- Take business requirements, validate, clarify and where appropriate, challenge/refine them with the stakeholder in order to translate them into a

- Challenging them with the stakeholder, in order to translate them into a meaningful functional specification on which to base build activity.
- Manage delivery to agreed timelines and report on progress to a centralized risk change forum and model owners with risk (up to and including director level).
- Ongoing coaching and development of offshore team members to establish and maintain delivery standards, and instil project disciplines into all technical deliveries.
- The role holder will be expected to hold code and document walkthroughs with peers and senior managers who will provide appropriate challenge to drive quality.

### Decision-making and Problem Solving

- Impact analysis of existing managed solutions in response to bank wide initiatives (such as operational system changes).
- Spot and take advantage of opportunities to improve code efficiency, data transformation, space utilization.
- Rapid model implementation data exploration and extraction to source the most suitable data items to support the model build validation exercises.
- Role holder will inform the strategic direction of the Python environment, the principles applied and the toolset evolution.

### Risk and Control Objective

Ensure that all activities and duties are carried out in full compliance with regulatory requirements, Enterprise Wide Risk Management Framework and internal Barclays Policies and Policy Standards.

### Person Specification

Strong communication to different senior stakeholders, both written and verbal, will be a key competency of the successful candidate. This needs to be coupled with strong attention to detail, a rigorous and methodical approach to managing projects, maintaining clear and concise governance, and ensuring delivery is planned out, resourced, tracked and delivered.

A motivated, disciplined, self-starter profile is preferred. Someone who is confident in their own ability/skills, such that they can make recommendations and take decisions, after considering all the factors. The candidate should be able to work in isolation and within a team environment, as required.

### Essential Skills/Basic Qualifications:

- Minimum Bachelor's Degree in quantitative discipline (e.g. Finance, Mathematics/Statistics or Economics).
- Hands-on experience in statistical model development.
- A good knowledge of data analysis, theory and statistical techniques (such as linear or nonlinear models, logistic regression, macroeconomic forecast, decision trees, cluster analysis and neural networks etc.)
- Proficiency with analytical software R or Python, SQL tools (e.g., Oracle), Unix platforms, and MS Office required.
- Advanced Python Programming and knowledge of Python/R/C++ coding.
- Model implementation using DevOps tools like TeamCity, Jira, BitBucket and Nexus etc.
- Project and stakeholder management.
- Experience in financial institution data, supporting model development, implementation and productionisation within credit wholesale, consumer, finance or treasury.

### Desirable skills/Preferred Qualifications:

- Masters/PhD Degree in Computer Science, Math or Statistics
- Knowledge of Big Data platforms such as HADOOP and its eco-system
- Knowledge of credit card and/or banking retail business is strongly preferred
- Good exposure to statistical model development - familiarity with Consumer or Wholesale Credit risk modelling experience.
- Supported or working on stress testing across Risk, Treasury or Finance
- Data science and Machine learning background
- Experience working within quantitative analytics team delivering models

## Stipend Details

Stipend:	100,000 INR Per Month
Accommodation:	No
Travel Expenses:	No

## Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	No
Group Discussion:	No
Personal Interview:	Yes
No. of Offers:	2

## Eligibility

Diversity Recruiting:	No
Eligible Years:	Graduating in 2025 (Pre-Final Year Students) - B.Tech / Dual / Master's
Eligible Departments:	B.Tech and M.Tech in Chemical Engineering, B.Tech and M.Tech in Computer Science & Engineering, B.Tech and M.Tech in Mathematics & Computing