Job Notification Form, IIT Delhi

Company Overview

Name:	Barclays India
Website:	www.barclays.com
Company Type:	Finance

Description: Barclays is a transatlantic consumer, corporate and investment bank offering products and services across personal, corporate and investment banking, credit cards and wealth management, with a strong presence in our two home markets of the UK and the US. Our goal is to become the bank of choice by providing superior services to customers and clients and supporting our stakeholders via a commercially successful business that generates long-term sustainable returns.

Our two clearly defined divisions, Barclays UK and Barclays International, provide diversification by business line, geography and customer, enhancing financial resilience and helping to contribute to the delivery of consistent returns through the business cycle. We have a strong core business with exciting prospects, well positioned to deliver long-term value for our shareholders.

The businesses are supported by The Group Service Company. This delivers critical infrastructure services and enhances operational continuity for our business units, it is a centre of excellence for services required by the business, such as fraud management and cyber security, reducing duplication and promoting best practice across our businesses.

Consistent with the objective of delivering long-term sustainable value for all our stakeholders, we have developed our Shared Growth Ambition – our approach to citizenship and the sustainability of the business model we operate. The aim is to make decisions and do business that provides our clients and customers, and the communities which we serve, with access to a prosperous future. The delivery of our strategy is underpinned by the energy, commitment and passion of our people, and we are clear on our common purpose: creating opportunities to rise. We are a company of opportunity makers working together to help people rise – customers, clients, colleagues and society.

Job Details

Designation:	Graduate Analyst - Modelling Systems
Type:	Finance
Place of Posting:	Noida

Job Details: About Quantitative Analytics
Quantitative Analytics (QA) is a global organisation of highly specialized quantitative modellers and developers. QA is led by Marco Naldi, who is a member of Risk Exco.

QA is responsible for developing, testing, implementing and supporting quantitative models for valuation and risk management of traded assets, regulatory and economic capital, impairments, fraud detection, asset-liability management, operational risk, net revenue and balance sheet forecasting, and stress testing

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 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

Joining By: 1 June 2022

Salary Details

CTC:	1,707,569 INR Per Annum
Gross:	1,600,000 INR Per Annum
CTC Breakup:	1,600,000 this excludes PF & Gratuity.
Perks / Bonus:	Annual Discretionary Bonus is awarded based on the performance as per company policy

Selection Process

Resume Shortlist:	Yes
Written Test:	No
Online Test:	Yes
Group Discussion:	No
Medical Test:	No

Personal Interview:	Yes
No. of Rounds:	2
No. of Offers:	3

Eligibility

Recruiting PHDs:	No
Eligible Departments:	M.Tech in Applied Optics, M.Tech in Atmospheric-Oceanic Science and Technology, M.Tech in Biomedical Engineering, M.Tech in Chemical Engineering, M.Tech in Communications Engineering, M.Tech in Computer Science & Engineering, M.Tech in Computer Technology, M.Tech in Construction Engineering & Management, M.Tech in Control & Automation, M.Tech in Energy & Environment Technologies and Management, M.Tech in Energy Studies, M.Tech in Engineering Analysis & Design, M.Tech in Environmental Engineering & Management, M.Tech in Fibre Science & Technology, M.Tech in Geotechnical and Geoenvironmental Engineering, M.Tech in Industrial Engineering, M.Tech in Industrial Tribology & Maintenance Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Molecular Engineering: Chemical Synthesis & Analysis, M.Tech in Optoelectronics & Optical Communication, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Rock Engineering & Underground Structures, M.Tech in Solid State Materials, M.Tech in Structure Engineering, M.Tech in Telecommunication Technology & Management, M.Tech in Textile Chemical Processing, M.Tech in Textile Engineering, M.Tech in Thermal Engineering, M.Tech in Transportation Engineering, M.Tech in VLSI Design Tools & Technology, M.Tech in Water Resources Engineering, M.S.(R) in Applied Mechanics, M.S.(R) in Biochemical Engineering and Biotechnology, M.S.(R) in Biological Sciences, M.S.(R) in Telecommunication Technology and Management, M.S.(R) in Civil Engineering, M.S.(R) in Chemical Engineering, M.S.(R) in Computer Science & Engineering, M.S.(R) in Electrical Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in Automotive Research and Tribology, M.S.(R) in VLSI Design Tools and Technology, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Information Technology