About Andela

Andela exists to connect brilliance and opportunity. Since 2014, we have been dedicated to breaking down global barriers and accelerating the future of work for both technologists and organizations around the world.
For technologists, Andela offers competitive long-term career opportunities with leading organizations, access to a global community of professionals, and education opportunities with leading technology providers.
For companies, Andela provides access to a global network of fully integrated team members that unlock their business innovation and growth potential.
At Andela, we are deeply passionate about creating long-lasting and transformative growth opportunities for all and doing it in an E.P.I.C. andela.com/careers way.

We are excited to continue building our remote-first team with incredible people like you!

About The Role
The bank was established in 1920 by the pioneer economist and financial expert Mohamed Talaat Harb Pasha, who spearheaded the concept of investing in National savings and directing them toward economic and social development.
Thus, the bank was established as the first wholly Egyptian-owned bank. Our role is visible in all economic fields due to its geographic outreach. The bank has more than 20,000 employees, serving a large base of more than 13 million clients in Egypt, with a total paid-up capital amounting to EGP 15 billion.
Our Mission: Excellence in fulfilling all of our customers' banking needs, maximizing the value of shareholders, inspiring employees' loyalty, and playing a leading role in the prosperity and development of Egypt.

What you'll do
Data Scientists work across the organization to help shape Banque Misr's business and technical strategies by processing, analyzing, and interpreting huge data sets.
Using analytical excellence and statistical methods, you mine through data to identify opportunities for Banque Misr and our clients to operate more efficiently, from enhancing advertising efficacy to network infrastructure optimization to study user behavior.
As a Technical Lead, you do more than crunch the numbers. You work with Software Engineers, Product Team, Sales Associates, and Marketing teams to adjust Banque Misr's practices according to your findings. Identifying the problem is only half the job; you also figure out the solution.
The client also seeks talents with prior banking and risk/fraud experience.

Core Responsibilities
Work with large datasets and solve complex analysis problems, applying advanced analytical methods. Conduct end-to-end analyses, including data gathering and requirements specification, processing, analysis, ongoing deliverables, and presentations
- Build and prototype analysis and ML model pipelines iteratively to provide insights at scale.
- Develop a comprehensive understanding of Banque Misr data structures

- Make actionable business recommendations with effective presentations of findings at multiple levels of stakeholders through visual displays of quantitative information.
- Research and develop analyses, forecasting, and optimization methods across customer segmentation, end-user behavioral modeling, and live A/B experiments.
- Manage and technically lead a Data Science team. Interact cross-functionally with a wide variety of leaders and teams, and work closely with Engineers and Product Managers to identify opportunities for design and assess improvements for Banque Misr products.

Qualifications (Must-have)
As the ideal candidate for this role you need to have:
- Master's degree in a quantitative discipline (e.g., Statistics, Operations Research, Economics) or equivalent practical Experience.
- Six years of Experience in data analysis or related fields as a Statistician, Data Scientist, operations researcher, or computer scientist.
- Two years of Experience in people management or leadership.
- Experience with statistical software (e.g., R, Python, MATLAB, pandas) and database languages.

Skills desired:
- Doctorate's degree in a quantitative discipline (e.g., Statistics, Operations Research, Economics, Computer Science, Mathematics, Physics, Electrical Engineering,
- Industrial Engineering).
- Ten years of tech industry work experience as a statistician, operations researcher, or data scientist.
- Experience in statistical data analysis, such as linear models, multivariate analysis, stochastic models, and sampling methods.
- Four years of leadership experience, including people management.
- Applied Experience with Machine Learning on large datasets.
- Experience articulating business questions and using mathematical techniques to arrive at an answer using available data.
- Ability to select the right statistical tools given a data analysis problem.

Individual Skills
- Strong communication skills with the ability to align the organization on complex technical decisions.
- Active coach and mentor whose goals are to grow and maximize the team's potential.

Mindset and Behaviors
- High energy and passionate individual who inspires teammates to reach their maximum potential.
- Excited about trying new solutions outside standard approved.
- Embraces a culture of trust, free thought, and complete transparency.
- ▪Brave and rebellious, willing to challenge the status quo.

Location: Working days and hs: You will be working from Sunday to Thursday (days off will

be Friday and Saturday). The overlap required fully overlaps with GMT +2 except Sunday where is expected. You will overlap at least 5 hrs.

Benefits

- Fully Remote work culture: we hire globally and all of our roles are fully remote!
- Competitive compensation based on USD dollars and digital invoice storage
- Exclusive long-term opportunities with industry-leading clients
- Smart role matching
- Educational advancement opportunities
- Flexible working hours
- Andela Affinity Groups
- Growth & development paths. Career coaching and guidance.

And more to come! We're on a journey to reimagine global benefits at Andela
At Andela, we outcompete through diversity. We know that our strengths lie in the multiplicity of talents, perspectives, backgrounds & orientations resident in our community and we take pride in that. Andela is committed to a work environment in which all individuals are treated with respect and dignity. Each individual has the right to work in a professional atmosphere that promotes equal employment opportunities and prohibits discriminatory practices. Andela provides equal employment opportunities and workplace to all employees and applicants without regard to factors including but not limited to race, color, religion, gender, sexual orientation, gender identity, national origin, age, disability, pregnancy (including breastfeeding), genetic information, HIV/AIDS or any other medical status, family or parental status, marital status, amnesty or status as a covered veteran in accordance with applicable federal, state and local laws. This commitment applies to all terms and conditions of employment, including but not limited to hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training. Our policies expressly prohibit any form of harassment and/or discrimination as stated above.

Andela is home for all, come as you are.