



ROLE EXPLORATION

DATA SCIENTIST

 Data Scientist, Product Analytics 
Meta · Bengaluru, Karnataka, India

About the job

As a Data Scientist at Meta, you will shape the future of people-facing and business-facing products we build across our entire family of applications (Facebook, Instagram, Messenger, WhatsApp, Oculus). By applying your technical skills, analytical approach, and product intuition to one of the richest data sets in the world, you will help define the experiences we build for billions of people and hundreds of millions of businesses around the world. You will collaborate on a wide array of product and business problems with a wide-range of cross-functional partners across Product, Engineering, Research, Data Engineering, Marketing, Sales, Finance and others. You will use data and analysis to identify and solve product development's biggest challenges. You will influence product strategy and investment decisions with data, be focused on impact, and collaborate with other teams. By joining Meta, you will become part of a world-class analytics community dedicated to skill development and career growth in analytics and beyond.

Product leadership: You will use data to shape product development, quantify new opportunities, identify upcoming challenges, and ensure the products we build bring value to people, businesses, and Meta. You will help your partner teams prioritize what to build, set goals, and understand their product's ecosystem.

Analytics: You will guide teams using data and insights. You will focus on developing hypotheses and employ a varied toolkit of rigorous analytical approaches, different methodologies, frameworks, and technical approaches to test them.

Communication and influence: You won't simply present data, but tell data-driven stories. You will convince and influence your partners using clear insights and recommendations. You will build credibility through structure and clarity, and be a trusted strategic partner.

Data Scientist, Product Analytics Responsibilities:

- Defining new opportunities for product impact Influencing product and sales to solve the most impactful market problems
- Apply your expertise in quantitative analysis and the presentation of data to see beyond the numbers and understand how our users interact with our growth products
- Work as a key member of the product team to solve problems and identify trends and opportunities
- Inform, influence, support, and execute our product decisions and product launches in partnership with Product, Engineering, and cross-functional teams
- Set KPIs and goals, design and evaluate experiments, monitor key product metrics, understand root causes of changes in metrics
- Exploratory analysis to discover new opportunities: understanding ecosystems, user behaviors, and long-term trends Identifying levers to help move key metrics

Minimum Qualifications:

- Bachelor's degree in Mathematics, Statistics, a relevant technical field, or equivalent
- 4+ years experience with data querying languages (e.g. SQL), scripting languages (e.g. Python), and/or statistical/mathematical software (e.g. R)
- 4+ years of experience solving analytical problems using quantitative approaches, understanding ecosystems, user

behaviors & long-term product trends, and leading data-driven projects from definition to execution [including defining metrics, experiment, design, communicating actionable insights]

- Candidate must remain in role in the same team in India for a minimum period of 24 months before being eligible for transfer to another role, team or location

Preferred Qualifications:

- Master's or Ph.D. Degree in a quantitative field

About Meta:

Meta builds technologies that help people connect, find communities, and grow businesses. When Facebook launched in 2004, it changed the way people connect. Apps like Messenger, Instagram and WhatsApp further empowered billions around the world. Now, Meta is moving beyond 2D screens toward immersive experiences like augmented and virtual reality to help build the next evolution in social technology. People who choose to build their careers by building with us at Meta help shape a future that will take us beyond what digital connection makes possible today—beyond the constraints of screens, the limits of distance, and even the rules of physics.

Individual compensation is determined by skills, qualifications, experience, and location. Compensation details listed in this posting reflect the base hourly rate, monthly rate, or annual salary only, and do not include bonus, equity or sales incentives, if applicable. In addition to base compensation, Meta offers benefits. Learn more about [benefits](#) at Meta.

Role: Data Scientist

A **Data Scientist** is a professional who extracts meaningful insights from data using a combination of statistical analysis, programming, and domain knowledge. They help organizations make data-driven decisions by analyzing complex datasets, building predictive models, and visualizing results.

Responsibilities:

- Collect, clean, and preprocess structured and unstructured data.
- Apply statistical methods and machine learning models to identify patterns and trends.
- Collaborate with product managers, engineers, and business leaders to solve real-world problems.
- Communicate findings through dashboards, reports, and visualizations.
- Support product and strategy decisions with quantitative evidence.

Skills Required:

- Strong foundation in **mathematics, statistics, and probability**.
- Proficiency in **Python, R, and SQL** for data analysis.
- Knowledge of **machine learning algorithms** and frameworks (Scikit-learn, TensorFlow, PyTorch).

- Ability to work with **big data tools** (Spark, Hadoop) and cloud platforms (AWS, GCP, Azure).
- Communication and visualization skills (Tableau, Power BI, matplotlib, seaborn).

Tools Commonly Used:

- Programming: Python, R, SQL
- Visualization: Tableau, Power BI, matplotlib, ggplot2
- Databases: MySQL, PostgreSQL, MongoDB
- ML/AI: TensorFlow, PyTorch, Scikit-learn
- Big Data & Cloud: Spark, AWS, GCP, Azure

Real Job Post (Meta – Data Scientist, Product Analytics)-

From the LinkedIn job posting you provided, here are **5 key highlighted requirements**:

1. Bachelor's degree in **Mathematics, Statistics, or a related technical field**.
2. **4+ years of experience** with SQL, Python, or R.
3. Expertise in **quantitative analysis and problem solving**.
4. Experience with **defining metrics, experiments, and analyzing long-term trends**.
5. Ability to **communicate actionable insights** and partner with cross-functional teams.

This job reflects the high demand for versatile data professionals who can bridge technical expertise with business impact.