

Job Title: Data Scientist with Software Engineering Expertise**Location:** Bangalore**Job Type:** Full-Time**Experience Level:** Senior (7+ years)**Job Description**

We are seeking a highly skilled Data Scientist with a strong background in software engineering and a deep understanding of Generative AI. The ideal candidate will possess a blend of analytical and technical skills, enabling them to develop innovative data-driven solutions while also contributing to software development processes.

Key Responsibilities

- **Data Analysis & Modeling:** Utilize statistical methods and machine learning techniques to analyze complex datasets, derive insights, and build predictive models.
- **Software Development:** Collaborate with engineering teams to design, develop, and implement software solutions that leverage data science methodologies. Ensure best practices in coding, testing, and deployment.
- **Generative AI Applications:** Apply Generative AI techniques to enhance software development processes, including automated code generation, testing, and documentation.
- **Cross-Functional Collaboration:** Work closely with product managers, UX designers, and other stakeholders to understand requirements and translate them into technical specifications.
- **Research & Innovation:** Stay updated with the latest advancements in data science and Generative AI. Propose and implement innovative solutions to improve existing processes and products.
- **Mentorship:** Provide guidance and mentorship to junior data scientists and engineers, fostering a culture of continuous learning and improvement.

Qualifications

- **Education:** BTech or Masters in Computer Science, Data Science, Statistics, or a related field.
- **Experience:** Minimum of 7 years in data science, with a strong emphasis on software engineering principles and practices.
- **Technical Skills:**
 - Proficiency in programming languages such as Python or Java.
 - Experience with machine learning frameworks (e.g., TensorFlow, PyTorch) and data manipulation libraries (e.g., Pandas, NumPy).
 - Familiarity with Generative AI concepts and tools, including their application in software development.
- **Software Engineering:** Strong understanding of software development life cycle (SDLC), version control systems (e.g., Git), and agile methodologies.
- **Problem-Solving:** Excellent analytical and problem-solving skills, with the ability to think critically and creatively.

- **Communication:** Strong verbal and written communication skills, with the ability to present complex technical concepts to non-technical stakeholders.

Preferred Qualifications

- Experience with cloud computing platforms (e.g., AWS, Azure, Google Cloud) for deploying machine learning models.
- Knowledge of data visualization tools (e.g., Tableau, Power BI) to communicate insights effectively.