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### Data Scientist

- **Primary Location:** India,Karnataka,Bangalore
- **Education:** Master's Degree
- **Job Function:** Decision Management
- **Schedule:** Full-time
- **Shift:** Day Job
- **Employee Status:** Regular
- **Travel Time:** No
- **Job ID:** 18030804

### Description

#### About us:

Global Decision Management (GDM) has a rich history of accelerating data-driven decision-making for Citi® businesses across geographies and functions. We are a rapidly growing organization focused on pioneering the adoption of state-of-the-art analytical techniques with the objective of transforming business practices for Citi globally.

Citi® and the overall banking & financial services industry is on the cusp of a revolution in terms of how we interact with our customers and meet their expectations. And GDM strives to be at the forefront of this wave, by harnessing the power of cutting-edge algorithms to solve various challenging problems for our business stakeholders:

#### Automating Customer Servicing:

- Chatbots, Speech- and gesture-based authentication and transactions

#### AI based Advisory and Recommendation Systems:

- Personalized Investment, News Articles, Offers (Web-scraping, NLP/NLU)

#### Real Time fraud detection and mitigation:

- (Probabilistic Graph modeling, Rare-event modeling, Bayesian techniques
- Intelligent Operations - Automatic Form Readers (OCR), Interactive FAQ systems, Complaints identification and resolution (Topic & Sentiment Mining)

#### Customer Experience:

- Improving customer experience on Mobile and Digital banking (Real-time propensity scoring &

offer placement)

**Pattern Mining:**

- Advanced ML algorithms to predict customer journeys and actions using sequential and geospatial data

**What do we offer:**

- The key requirement for the role is the ability to work directly or handle teams which work on large scale data, tools/techniques to build strong capabilities in Advanced Analytics, Big Data, Machine Learning, Deep Learning, Digital & FinTech to solve key business challenges, propose solutions and build products.

**Expertise Required:**

- Expertise with Big Data technologies (Hive/Impala, Spark/Scala, H2O) and databases (Oracle, Dbase, MongoDB)
- Experience with Programming languages – R, Java, Python
- Highly proficient with Deep Learning and Machine Learning Algorithms, Pattern Mining / Detection
- Very good written and verbal communication ability in an educational style. Ability to express thoughts and concepts clearly
- Ability to work well with a variety of people and to show team-player attitude regardless the scope of responsibilities
- Provide input into the innovation of new and enhanced approaches. Having initiative and a proactive attitude is desirable

## **Qualifications**

**Educational and Experience:**

- (Preferred) Post Graduate in – Computer Science, Mathematics, Operations Research, Statistics, Econometrics, Management Science and related fields
- Could be any graduate degree holder with relevant experience
- Strong academic record and publications in reputed journals or conferences
- 5 to 12 years of experience in the field of advanced quantitative techniques, data sciences and large scale machine learning while working for leading global academic institutes or corporate innovation research labs or analytics organizations of large corporates or in consulting companies in analytics roles

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