



## JOB DESCRIPTION

### Data Scientist

#### About the Team

---

The world today is focused on bridging the gap between investments and informed investments. Financial literacy is important today as consumers are unable to give time, effort required in order to plan and monitor their finances. Moreover, in today's fast paced, multi-dimensional generation, it is highly important for individuals and businesses to take quality, unbiased advice while making investment decisions.

**Monech** aims to make personal money management qualitative, simple and fast. The company vision being – “To be the Financial Assistant of an individual”. We believe that financial and investment advice in particular, needs to be unbiased, personalised and customised according to the individual.

We are privileged to have started under the arm of one of the most experienced financial advisory firms in India – Golechha Capital Pvt. Ltd.

#### The Parent Company

---

Golechha Capital started off as a stock broking firm in the early 1990s and has grown to be one of the leading financial services providers and capital market product distributors in India.

Being a Master franchise of Motilal Oswal, -- Golechha Capital is one of the top most distributor of Portfolio Management Services for the year 2017 and 2018.

We believe in providing our clients with the best financial advice. Our service is focused on generating maximum returns coupled with personalized and customized financial advice for our clients. We answer the most important dilemma faced by an individual today - "Where to Invest", by guiding them to the most productive financial instruments available in the market.

Headquartered in Hyderabad, our team is a blend of experience and youth, who are always eager to serve clients with the best product, in accordance with their needs and expectations.

## About the Role

---

The recently incorporated team at Monech has a mission of building systemic intelligence across Financial Advisory ecosystem. This team is currently a part of its future – thinking, potential financial advisory start-up subsidiary– Monech – *“Where tech meets money”*

Having been in the financial services industry for the nearly 25 years in India, we believe in creating products and advice that cater to the future. In addition to interacting with more than 1000 clients, we have data from huge number of investors and sellers going back decades. The numerous TBs of data generated per day has complete mix of data types in terms of financial, graphical, numerical data, structured text, unstructured text, etc.

## Job Responsibility

---

1. Lead the **data** science & analytics projects for Golechha Capital Pvt. Ltd. –
  - a. Build an end to end Financial Advisory Platform
  - b. Personal Finance Application
  - c. Third Party Products Application
2. Understand analytics requirements related to app promotion, usage and servicing
3. Selecting features, building and optimizing classifiers using machine learning techniques
4. Data mining using state-of-the-art methods
5. Extending company's data with third party sources of information when needed
6. Processing, cleansing, and verifying the integrity of data used for analysis
7. Doing ad-hoc analysis and presenting results in a clear manner
8. Creating automated anomaly detection systems and constant tracking of its performance
9. Design information architecture and corresponding **data** requirements
10. Design statistical models and analytical reports & dashboards
11. Liaison with app management team to assimilate app strategy and activities
12. Prepare requirements documentation for planned dashboards, analysis
13. Prepare statistical models and dashboards as per design specifications provided by users & business heads
14. Liaison with internal and external consultants / vendors for undertaking analytics projects
15. Coordinating with **data** science and analytics team to carry out some of the above tasks

## Desired Candidate Profile

---

### Qualifications:

---

### WORK EXPERIENCE / KNOWLEDGE

---

- Financial Services domain experience preferred
- Comprehensive understanding of Machine learning, Deep learning and Artificial Intelligence (can apply even if specialising in one of the three)
- Excellent understanding of machine learning techniques and algorithms, such as k-NN, Naive Bayes, SVM, Decision Forests, etc.
- Good applied statistics skills, such as distributions, statistical testing, regression, etc.
- Hands-on predictive analytics experience with Python
- In-depth knowledge of statistical software packages (e.g. SAS and R)
- Experience with data visualization tools (e.g. Plotly, PowerBi, Tableau, Shiny)
- Exposure to big data technologies such as Hadoop, R, and Java / MapReduce a plus

- Exposure to NoSQL databases, such as MongoDB, Cassandra, HBase, DynamoDB a plus
- Experience with top-tier firms in big data analytics, management consulting, or comparable role in corporate setting is a plus
- Basic understanding of financial markets and willing to work in a finance corporate set up role

## SKILLS / OTHER PERSONAL ATTRIBUTES REQUIRED

---

- Strong analytical and critical thinking skills
- Self-motivated. Capable of working with little or no supervision
- Strong written and verbal communication skills
- Enjoy challenging and thought-provoking work and have a strong desire to learn and progress
- Ability to manage multiple tasks and requests
- Must demonstrate a positive, team-focused attitude
- Ability to react positively under pressure to meet tight deadlines
- Good inter-personal skills combined with willingness to listen
- Structured, disciplined approach to work, with attention to detail
- Flexible - able to meet changing requirements and priorities
- Comfortable working with ambiguity (e.g. imperfect data, loosely defined concepts, ideas, or goals) and translating these into more tangible outputs
- Maintenance of up-to-date knowledge in the appropriate technical areas
- Able to work in a global, multicultural environment
- Entrepreneurship and Project Ownership abilities are an added advantage

## FORMAL EDUCATION

---

- Masters/PGP in Statistics, Machine Learning, Artificial Intelligence, Computer Science, Applied Mathematics, or other similar advanced degrees from a top tier educational institution preferred
- Graduate in Statistics, Computer Science, Applied Mathematics, Finance/Accounts or other similar advanced degrees is a must.
- Doctorate - Doctorate Not Required

## WORKING CONDITIONS

---

Normally works a regular schedule of hours, however hours may vary depending upon the project or assignment

## Additional Details

---

**Salary:** Undisclosed

**Industry:** Financial Services / Broking / Financial Advisory

**Functional Area:** Analytics & Business Intelligence

**Role Category:** Senior Management

**Role:** Data Scientist - Analytics & BI

**Employment types available:**

- Permanent Job, Full Time
- Part Time/Work from home
- Intern

**All CV/Resumes shall be sent to –** [info@golechha.com](mailto:info@golechha.com)

**For further information contact –** +918317560331

**Website -** [www.golechha.com](http://www.golechha.com)