Job Description

Company	Course5 Intelligence
Position Title	Associate Manager/Manager
Reporting to	Director/ Senior Director
Schedule	Full-Time
Work Location	Mumbai/Bengaluru/Gurugram/Coimbatore

OVERVIEW

Course5 Intelligence

We enable organizations to make the most effective strategic and tactical moves relating to their customers, markets, and competition at the rapid pace that the digital business world demands. Founded in 2000, our business areas include Market Intelligence, Big Data Analytics, Digital Transformation, Artificial Intelligence, and Analytics. Rapid advances in Artificial Intelligence and Machine Learning technology have enabled us to create disruptive technologies and accelerators under our Course5 Intelligence suites that combine analytics, digital, and research solutions to provide significant and long-term value to our clients. More information can be found at www.course5i.com

Global Offices

United States | Canada | United Kingdom | United Arab of Emirates | India

Job Responsibilities:

This role will lead technical development within Artificial Intelligence/Machine Learning for Advanced Analytics. This will include design, implement, and maintain digital solutions.

- Set up and manage our AI development and facilitate production infrastructure.

- Help AI product managers and business stakeholders understand the potential and limitations of AI when planning new products.

- Build data ingest and data transformation infrastructure.

- Identify transfer learning opportunities and new training datasets.

- Build AI models from scratch and help product managers and stakeholders understand results.

- Deploy AI models into production.

- Create APIs and help business customers put results of your AI models into operations.

- Keep current of latest AI research relevant to PBNA business domain.

- Technical subject matter expert for Advanced Analytics and digital solution (AI, ML, Advanced Analytics)

- Develop proof-of-concept demos in a SAFe Agile team.

- Identify transfer learning opportunities and new training datasets.

- Build and deploy AI models for PBNA

- Assess new capabilities within AI/ML, shape business demand to leverage digital capabilities.

- Develop automation for repeatedly refreshing analysis and generating insights.

- Collaborates with globally dispersed internal stakeholders and cross-functional teams to solve critical business problems and deliver successfully on high visibility strategic initiatives.

- Quickly learn the use of tools, data sources and analytical techniques needed to answer a wide range of critical business questions.

- Articulate solutions/recommendations to business users. Works with senior data science team member to present analytical content concisely and effectively.

- Manage own tasks and works with allied team members; plans proactively, anticipates and actively manages change, sets stakeholder expectations as required, identifies operational risks and independently drives issues to resolution, minimizes surprise escalations.

Requirements & Qualifications:

- PhD or Masters (or Bachelors from a top Tier University) in a quantitative discipline (e.g. Statistics, Economics, Mathematics, Computer Science, Bioinformatics, Ops Research, etc.)

- 7+ years of relevant experience in Data Science. In case of PhD, 5+ years post qualification experience.

- Hands-on experience in **Statistical Modelling, Machine Learning, Deep Learning and Data Mining techniques** .

- Experience working in **Text Analytics, NLP**

- Extensive experience required in: **Statistical and Machine Learning techniques** like Regression (esp., GLM, non-linear, etc.), Classification (CART, RF, SVM, GBM, etc.) Clustering, Design of Experiments, Monte Carlo Simulations, Statistical Inference, Feature Engineering, Time Series Forecasting, Text Mining and Natural Language Processing (NLP)

- Good to have skills: Stochastic models, Bayesian Models, Markov Chains, Dynamic Programming and Optimization techniques, Deep Learning techniques on structured and unstructured data, Recommender Systems (content and collaborative filtering), etc.

- Tools and Packages: **SAS, R, Python, SQL.** Exposure to dashboard or web-apps building using

Qliksense, R-Shiny, Flask, etc. would be added advantage. Exposure to **Azure**

- Experience building AI models in platforms such as **Keras, TensorFlow, or Theano.**

- Experience in managing teams and leadership skills.

- Excellent client facing skills along with prior demonstrated experience of leading teams at various stages

- Should demonstrate a team oriented and collaborative approach, and excellent **communication skills**, including strong oral and written communication capabilities

- Demonstrated commitment to learning about AI through your own initiatives through courses, books, or side projects.

- Ability to work with virtual teams (remote work locations); lead team of technical resources (employees and contractors) based in multiple locations across geographies

- Participate in ideation and solutioning discussions, driving clarity of complex issues/requirements to build robust solutions.

Course5 is proud to be an equal opportunity employer. We are committed to equal employment opportunity regardless of race, color, religion, sex, sexual orientation, age, marital status, disability, gender identity, etc. If you have a disability or special need that requires accommodation, please keep us informed about the same at the hiring stages for us to factor necessary accommodations.