

DATA MANAGEMENT AND DATA VISUALISATION

COMPANY OVERVIEW

Tata Group is an Indian multinational conglomerate company headquartered in Mumbai, India. It encompasses seven business sectors: communications and information technology, engineering, materials, services, energy, consumer products and chemicals. Tata Group was founded in 1868 by Jamsetji Tata as a trading company. It has operations in more than 80 countries across six continents. Tata Group has over 100 operating companies with each of them operating independently.

Tata Sons is the promoter of all key Tata companies and holds the bulk of shareholding in these companies.

BACKGROUND

The Tata companies together serve over million consumer and commercial customers today across several products and services. In order for the Tata companies to better understand customer and client needs and preferences, action life stages, needs, value, and potential, and enhance value and experience; the Tata companies need to develop robust data and information management capability and customer analytics. The vision is to eventually create the best in-house capability for data analytics amongst any large corporate. To achieve the above aims, it has been decided to establish an independent Tata company focused on building a common data analytics platform and help Tata Group companies. This company is being incubated in the initial phase as a division of Tata Industries and will subsequently be structured as a separate company to build Big Data Analytics and Data Science capabilities catering to but not limited to the 'Consumer' brands of the group.

Tata Insights and Quants - Journey to Date

Company: Tata - Insights and Quants - A Newly started division by Tata Industries.

<http://www.livemint.com/Companies/PCgvCZILuJKV68UKVHZRJO/With-new-analytics-arm-Tata-aims-to-make-better-sense-of-da.html>

Employer Brand: : www.tataiq.com

Tata iQ in 18 months of its inception was recognized in the list of Analytics India Magazine's (AIM) Top 10 most desirable Analytics Indian Firms to work for in 2016:

<http://analyticsindiamag.com/top-10-analytics-firm-wish-worked-2016/>

Generating Value for Customer:

Fourteen Tata companies are partnering Tata Insights and Quants (Tata iQ), a Big Data firm, to analyse data collected from users, consumers and make sense of it to put changes in place

<http://www.livemint.com/Companies/5om8ebrv6p02jGCcRB3j3K/Tata-companies-use-Big-Data-to-craft-strategies.html>

Contributing to Community through big data:

In line with the Tata group's philosophy of giving back more to the society than what it takes, Tata iQ, Tata group's big data and decision Sciences Company.

[Okhai partners with Tata iQ to deliver big impact through big data](#)

Company : Tata Insights and Quants

Role : Data Management and Data Visualisation
Level : Analyst - Associate - Senior Associate
Role Type : Individual Contributor
Location : Mumbai | Bangalore | Jamshedpur | Kalinga Nagar – All Options open

Job Description :

This is an exciting opportunity to be a part of the team that develops foundational capabilities enabling enhanced analytics and measurement, critical to shaping integrated strategies and providing inferences to the business within the Tata group companies. Various business constituents.

The incumbent will be part of the Analytics, Insights & Experimentation team and will report to the Senior Management. He/she will be a P&L Leader and drive Client Profitability through team of individual contributors, working on areas such as designing and building data marts/warehouse/data lakes for areas such as marketing planning functions, customer segmentation and targeting, product offerings, developing CRM strategies, multi-channel analysis, management and optimization, web analytics, efforts and track/evaluation of marketing programs for different portfolios. The work would primarily involve the modelling of structured and unstructured data and visualisation of insights, reports, dashboards and analytics..

Job Responsibilities

- Experience in Technical & Functional roles in DWBI/Analytics, R&D & Management as Techno Functional expert in large and startup enterprises.
- Driving innovation on development of DWBI/Analytics products and applications , Advance visualization using d3js and other open source javascript libraries, automation.
- Analytics to Interpret Predictive Machine Learning Models (Classification & Regression)
- Ability to Incubate COE's in Microstrategy, Pentaho, Tableau, MS-BI/PowerBI, IBM BPM and DataStage.
- Creating new insightful stories from complex unstructured data in ways that assist in translating problem statements into actionable decisions
- Design and define product architecture for a smart data discovery and visualization platform using Elastic Search, to personalize and scale out a real-time search experience without expensive operations infrastructure.
- Design and create algorithm for intelligent search functionality (NLP based Q & A) based on Lucene background using APIs to visualize the results using d3js and AMCharts.
- Expertise in building & Architecting Data Warehouse solutions which includes Enterprise Data Modeling,
- Experience in Hadoop, Hive, Map-R, MS SQL/PostgreSQL, ETL and Reporting Tools .
- Regular involvement in Pre Sales activities and Proposals including RFP Response.

Requirements/Skill sets

- **Must-have technical skills**
 - Advanced proficiency with MS Office (Excel, Word, PPT etc.)
 - Experience in BI, Big Data and Data Visualisation
 - Basic understanding of advanced analytics and managing Unstructured data

- **Must-have soft skills**
 - Problem Solving and lateral thinking
 - Excellent written and oral communication skills
 - Good interpersonal, problem solving, reasoning and analytical skills
 - People Management Experience, managing performance of team.
 - Ability of depicting the results of a statistical analysis in an easy-to-understand manner
 - Detailed oriented, organized, demonstrated ability to manage multiple projects simultaneously

- **Good to have soft skills**
 - Candidates from Consulting background preferred
 - Excellent analytical, problem-solving and storytelling skills; effectively uses numbers to gain understanding and/ or illustrate a point
 - Strong number crunching and quantitative skills
 - Intellectual and analytical curiosity - initiative to dig into the why, what & how
 - Strong aptitude on working with unstructured problems
 - Start-up environment and product development experience

Education and Experience:

Preferably a Bachelors (10+ Years) or Masters in Economics, Finance, Mathematics, Statistics, Engineering, Experience in Analytics domain necessary.

Minimum 2 – 4 Yrs of Experience as People Manager and driving performance of Business, Team and Self.