



Executive Data Scientist

What is the purpose of this role?

Responsible for leading complex technology initiatives that involves shaping the data science agenda and roadmap, sets technical direction of the team and contributes, influences and enables technical discussions.

What are the key responsibilities of this role?

- Develops state of the art ML algorithms and advanced analytics capabilities, applied at large scale in production environment.
- Leads architectural decisions and has an understanding of engineering and operations.
- Engages business stakeholders at strategic level projects (multimillion dollar across the organisation, is a key enabler in data science driven business benefits in large projects).

What does 'AMAZING' look like?

- A very strong technical leader, leads complex initiatives, has top tier publications, IP ownership and/or other industry contribution.
- Has strong business acumen and communication skills (research, development and implementation of innovative and leading edge analytical and statistical solutions including data mining, machine learning and leveraging Hadoop / Big Data capabilities.
- Shapes the technical direction of the broader team and contributes to, influences and enables technical discussions. Supports growth of team capability and talent.
- Demonstrates innovation through concrete application of technical skills to complex business problems.

What skills and capabilities do people need to be successful in this role?

These capabilities are aligned to the Analytic Capabilities framework and highlight the skills required to be effective in the Executive Data Scientist role.

<i>Capability</i>	<i>Description</i>	<i>Proficiency Level</i>
Identify Opportunity or Problem	Identifies and defines opportunities or problems and develops hypotheses within business context	<i>Expert</i>
Select Analytic Framework & tools to manage data	Selects the most appropriate analytic frameworks, tools and data (qualitative and quantitative) to test hypotheses	<i>Expert</i>
Analyse & Interpret Information	Enriches the collected data into insightful information	<i>Expert</i>
Generate insights & present recommendations	Generates insights, options and presents actionable recommendations	<i>Expert</i>