



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