

# CORE | Skills

## **Purpose (Pre-Requisite)**

- (i) Establish the why for G2DS
- (ii) Provide a comfortable onboarding ramp to the G2DS program for interpersonal connection and the technical scope
- (iii) a functional workstation for you to be ready for the program

## **Learning Outcomes (Pre-Requisite)**

- I can articulate the context of why participating in the G2DS program is important to me and my organization
- I know the importance of a team in data culture and can demonstrate how to collaborate using tools
- I can perform some data functions and feel ready to start "Introductions to Data Projects"
- I have an appreciation of the fields data science spans
- I am committed to ensuring the success of myself and my peers during the 12 week course

**Purpose (12W G2DS program)**

- (i) develop capability through problem-based learning to skill the first wave of Data Culture Catalysts
- (ii) develop an appreciation of the need and tools to seed data culture in the mining and energy sector
- (iii) Establish a personal toolkit to harness opportunities to deliver value to your organization including through the Capstone Projects

**12 Week Course Learning Outcomes**

Upon completing the course, learners will be able to:

1. Transform data into actionable outcomes
2. Evaluate which tool to use, why and when
3. Appreciate good practice in data science
4. How to work with data scientists

A key test as to whether the 12 Week program has achieved these outcomes will be if participants can answer yes to these questions:

- Can the user select the right tool for the problem?
- Are the data collected and analysed correctly and efficiently?
- Does the user understand what he/she is doing?
- Does the user then make wise decisions and recommendations in the face of uncertainty? and
- Can important outcomes be well articulated to a non-technical audience?



## 12W Pilot Pre-Requisite Evaluation

Circle Your answer:

1. I can articulate the context of why participating in the G2DS program is important to me and my organisation

Strongly agree      agree      disagree      strongly disagree

2. I know the importance of a team in data culture and can demonstrate how to collaborate using the tools

Strongly agree      agree      disagree      strongly disagree

3. I can perform some data functions and feel ready to start "Introductions to Data Projects"

Strongly agree      agree      disagree      strongly disagree

4. I have an appreciation of the fields data science spans

Strongly agree      agree      disagree      strongly disagree

5. I am committed to ensuring the success of myself and my peers during the 12 week course

Strongly agree      agree      disagree      strongly disagree