

**12 Week Course Purpose**

(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 Week 11 Evaluation

Circle your answers:

1. I can identify the basic concepts of spatial data: space, location and distance, and understand the different methods we use to talk about these concepts, including absolute, relative, topological and cognitive measures.

Strongly agree agree disagree strongly disagree

1. I understand the basics of geospatial data analysis, including set theory constructions, spatial indices and geocoding, and can see areas where I could apply these in my own work to add more context to existing datasets

Strongly agree agree disagree strongly disagree

1. I understand how to design an effective pitch that considers the audience, communication styles and content structure. I can identify good and bad elements in others pitches and provide constructive feedback to them

Strongly agree agree disagree strongly disagree

1. I feel confident about delivering my capstone pitch next week and am looking forward to it

Strongly agree agree disagree strongly disagree

1. Please provide additional feedback outlining at least one thing that:

Worked well:

To improve: