What is this course about?
This course is about an emerging analytic methodology called Activity-Based Intelligence, or ABI. It provides background on the history and evolution of ABI, an opportunity to experiment with core concepts in a limited capacity, and a perspective on future development and related trends.

Who will benefit from this course?
Any US citizen who is a manager, data/intelligence analyst, or software developer interested in gaining knowledge of the key concepts involved in Activity-Based Intelligence and how they apply to intelligence and defense missions, and their potential applicability in the commercial space can benefit from this course.

What background do I need?
Basic computer skills, critical thinking skills and the ability to use a simple GIS such as Google Maps or Google Earth.

What is Activity-Based Intelligence?
ABI is a methodology for technology-enabled problem solving developed by the intelligence community for real-time integration of large, diverse data (Big Data) streams. ABI emphasizes the importance of spatial and temporal filtering for disambiguation among entities, activities, and locations of interest. It is a Multiple Intelligence Source (“Multi-INT”) approach to activity and transactional data analysis used to resolve unknowns, develop object and network knowledge, and drive collection.

I don't work in an intelligence or defense-related field. Will I benefit from this course?
This course can benefit any manager, data/intelligence analyst or developer looking to become familiar with strategies to streamline analysis across multiple data environments in a manner that exposes inherent spatial and temporal relationships in and among disparate data.

I am from a non-analytic or developer background. Will I benefit from this course?
No analytic or developer experience is required. Generally, individuals who possess an ability and willingness to think critically about data, process and desired outcomes, and to experiment with non-linear strategies for analysis can benefit from the content and activities presented in this course.

What ABI tools will we use in this course?
This course will leverage basic geospatial information systems (GIS), Extract Transform Load (ETL) tools and MS Office software as the basis for limited experimentation with ABI concepts.

How does this course differ from Course 8050, Executive Overview of Activity-Based Intelligence (ABI)?
This course is designed specifically for practitioners (analysts or developers) and direct managers of practitioners. In 8101, there is an emphasis on the practical application of each ABI concept, and the course provides exposure to the skills and abilities required to implement and enable the methodology in a manner that delivers maximum mission or business value to an organization.

Course 8050, Executive Overview of Activity-Based Intelligence (ABI)is designed for leaders and aspiring leaders within organizations that have an interest in ABI, whether from an R&D, business process or resource perspective. It is offered in the abbreviated four-hour format to make it possible for leaders at all levels of an organization to obtain the knowledge necessary to enable and incorporate ABI methods within their enterprise.

How much time is spent on hands-on exercises?
Approximately 40% of time on the course is devoted to hands-on exercises, allowing you to gain experience with Activity-Based Intelligence concepts. Exercises include:
- Georeferencing data for discovery
- Understanding your data
- Data-driven discovery
- Harnessing data diversity
How does this course relate to other Learning Tree courses?

Learning Tree offers a number of courses that will help you expand upon the knowledge gained in this course and further your skills in several key areas. Courses related to ABI overviews, the analysis and the developer tracks include:

- Course 8050, *Executive Overview of Activity-Based Intelligence (ABI)*
- Course 8201, *Developing Activity-Based Intelligence (ABI) Applications*
- Course 8205, *Applying Activity-Based Intelligence (ABI) Methods*
- Course 8301, *Activity-Based Intelligence (ABI) Programming in the Field*
- Course 8305, *Activity-Based Intelligence (ABI) Analysis in the Field*

Other Related courses include:

- Course 1250, *Introduction to Big Data*
- Course 1253, *Introduction to Data Science for Big Data Analytics*
- Course 284, *Critical Thinking and Creative Problem Solving*
- Course 292, *Communication Skills: Results through Collaboration*