PetroSkills

Data Foundation for the Digital Oilfield

MODULE

About the Skill Module

Data is an often neglected aspect of Petroleum Data Analytics projects. We are excited to get started building a predictive model given the new artificial intelligence/ machine learning techniques but if we rush over the data profiling steps, not understanding the possible inherent bias of our data sets, we can create very sophisticated but not very useful models. Remember the old adage "garbage in, garbage out." Effective data visualization techniques can help us tell an important story with the data and highlight new insights into operational systems. But on the other hand, poor data visualization methods can allow unsuspecting analysts to "lie with data."

See online learning demo

Target Audience

Engineers, geoscientists, and data analysts who want to and need to understand how this field is evolving

You Will Learn

- Current data management practices, silos, clouds, and lakes
- The truth about drilling and field sensors
- Data visualization and communications challenges (data storytelling)

Product Details

Categories: Upstream

Disciplines: Data Management, Science and Analytics

Levels: Basic

Product Type: Individual Skill Module

Format: On-Demand

Duration: 3.5 hours (approx.)

$395.00