PURDUE UNIVERSITY

APPLIED DATA ANALYTICS GRADUATE CERTIFICATE (ONLINE)

TURN DATA INTO ACTION

If you are trying to bring any significant improvement in your business, then data analytics is your best skill to bring about an informed transformation. Students will gain the skills to identify and design analytic processes to improve the overall flow of information and the quality of decision-making within an organization. As professionals, it is increasingly necessary to be more proficient in applying data technology and analytics skills across any industry segment.

The certificate teaches the foundations of data visualization, which gives a clear representation of what the information means. This data methodology provides visual context through graphs and identifying trends, patterns, and outliers within large data sets.

Students will be provided hands-on projects and large data sets to apply the knowledge learnt in the program.

COURSES

DATA LITERACY
This course examines concepts, models and methods useful for applying data analytics in technical environments

DATA ANALYSIS
This course examines Data Analytics tools useful for analyzing data sets to 1) ask better questions regarding the data and 2) find answers to those questions in order to improve decision making.

DATA VISUALIZATION
This course introduces modern visualization, techniques and methods useful for applying data analytics in technical environments.

PROGRAM AT A GLANCE

3 COURSES | **9** CREDITS | **3** SEMESTERS

TUITION PER CREDIT HOUR:
$750 IN-STATE   **$775** OUT OF STATE

PROSPECTIVE STUDENTS

This certificate is intended for mid career professionals in management roles who need to inform business decisions through data.

WHAT YOU WILL LEARN

》 Understand concepts, models, and methods useful for applying data analytics

》 Analyze data sets to improve decision making

》 Provide data visualization techniques for informing trends in data

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Polytechnic Institute

EA/EOE