XALTIUS
Towards Higher Excellence

Start loving Technologies!

Emerging Technologies

Monitor and integrate emerging technology trends and developments, structured data gathering for the identification of new and emerging technological products, services and techniques.

www.xaltiusacademy.com

Start your data science journey with us.

There is no prerequisites required to attend this course.

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A short course in 16 hours.

What You'll Learn

Data Analytics, Automation, Python, Computational Thinking are the upcoming technologies which are driving organizations in the right direction. In this course, learners will get to explore some of the emerging workplace technologies that will impact a modern worker, and how harnessing technology will increase productivity and create value in their workflow. Learners will get to explore: Computational Thinking through Python; Automate work process through Robotics Process Automation (RPA); Data Analytics using Microsoft Power BI.

Learn how you can put your thoughts to see tangible outcomes.

About the Course

These are the key takeaways that participants will gain:

- How to create logical steps in any application
- Rule-based programming
- Understanding Robotics Process Automation
- Data Analytics and Visualization

It's about your goals & your future!

Contact us | info@xaltius.tech or +65 8303 9150 / +65 9138 9813

Course Outline

Module 1: Computational Thinking with Python

- Importance of Computational Thinking
- Learning Computational Thinking through Python
  - Algorithms and Flow-chart
  - Variables
  - Conditional Statements
  - Using Loops
- Adopting Python as an emerging tech in the organization

Module 2: Robotics Process Automation using UiPath

- Robotics Process Automation (RPA)
  - What is RPA?
  - Familiarizing the UiPath Interface
- Create workflows using UiPath
  - Web Data Scraping Automation
  - Automating Excel and Google Forms
  - Scraping Data from Invoices using OCR
- Other RPA tools in the market
- RPA Pathway for an organization

Module 3: Data Analytics and Storytelling

- Importance of Data Analytics
  - Descriptive Analytics
  - Predictive Analytics
  - Prescriptive Analytics
- Visualization and Storytelling
- Understanding PowerBI tool
  - Connecting to various data sources
  - Data preparation and modelling
  - Data visualization and analysis

Join us & launch your career in data science.

It's time to upskill for the Industry 4.0

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