ASSOCIATE ENTERPRISE DATA ANALYST

Master the data at your fingertips

APPLY NOW!

**Instructor-led workshop: 77 hours +
Self-paced E-learning: 65 hours**

cads.ai

AEDA
Associate Enterprise Data Analyst

Data
Professional
Certification

APPROVED LEARNING & TRAINING INSTITUTION

CADS
FUTURE PROOFING THE WORLD!

Master the data at your fingertips

Instructor-led workshop: 77 hours +
Self-paced E-learning: 65 hours
(Online and Physical Class Options Available)

The Associate Enterprise Data Analyst is a seventeen-day certification program that provides analysts with the skillsets and tools required for efficient data analysis. You will be working on data retrieved from a wide range of file types and/or relational databases in Python and SQL. Participants walk away with the skills to explore data for patterns and insights.

Learning Outcome

Collect, summarize, visualize and explore raw data to transform it into actionable business insights.

Tame your data with Python - write a workable program to solve data related business problem using Python's powerful data processing libraries.

Learn how to think like a programmer by breaking complicated business problems into smaller ones and then solving these byte-sized problems using coding and automation.

Speak the language of Structured Query Language (SQL) fluently and unlock the capability to participate in database application development teams.

Uncover interconnected relations between data sets and generate comprehensive reports for business insights through drill-down analysis.

Explore how programming and automation can be used to chunk data faster and save you time.

Super-charge yourself with big data analytics skills to analyze huge volumes of data effectively and effortlessly by building smart programs.

Programs

python

Excel

SQL

matplotlib

jupyter

seaborn

NumPy

ANACONDA.

pandas

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Enhance your organization's data capabilities.

This program is designed for organizations and individuals who want to enhance big data capabilities. Any enterprise looking to become more proficient at analytics programs such as descriptive statistics or analyzing on their own datasets will find this program beneficial.

Candidates get to learn the fundamental skills to mine valuable business insights from huge pools of data within an organisation. The program will allow you to manage vast quantities of information, analyze what's important about it all and take your organisation into the future!

Course Outline

Big Data Analytics for Technical Professional

This course provides a comprehensive introductory overview of the concept of big data, and its technologies, architectures, and management.
Participants can reap the benefits of this course when planning big data projects, and understanding the technology involved using different types of analytics such as descriptive analytics, predictive analytics, and machine learning.

Introduction to Programming

Introduction to Programming module lays the foundation for beginners to convert simple concepts to workable code. You are introduced to the inner workings of a computer and how algorithms work.
You will then use flowcharts to break problems down into logical steps. Finally, you will combine these concepts with writing simple Python code.

Python for Analytics

You will learn how to leverage the rich ecosystem of libraries provided by the open - source community that enables automation and data analysis on a large scale.
In this module, you will learn how to use Python libraries to transform data in the form of both numeric tables and text, visualize data, and how to write an end-to-end program.

SQL Essentials

SQL Essentials covers the basics of SQL and relational databases. By the end of this module, you will have learned and used the basic SQL statements, advanced SQL syntax, and join statements.

This intensive module opens the doors of advanced database design and data implementation for data enthusiasts.

Descriptive Statistics

Descriptive Statistics enables you to use data for effective decisions and business impact. Descriptive Statistics teaches you to collect sample data, engage in exploratory data analysis, compare statistical distributions, and communicate statistical results correctly and effectively.
You will learn to collect, summarize, visualize, and explore raw data to transform it into actionable business insights.

Data Storytelling

You will learn to meaningfully articulate findings through both narrative and visual strategies. This module will enable you to drive change through effective communication of data insights.
The curriculum challenges you to communicate effective and impactful data-driven narratives, focusing on effective data storytelling principles.

Capstone

Complete a capstone project as you integrate, synthesize, and demonstrate all your data science knowledge in a multi-faceted way. Demonstrate the techniques and skills you learn from the Associate Enterprise Data Analyst program.

Influence and discover business insights with statistical analysis using Python.

Earn a certificate as you develop skills such as data wrangling with SQL, data storytelling, and data visualization.

Complete a capstone project to showcase your competency.

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SIGN UP

scan me

YAYASAN PENERAJU FINANCING SCHEME

SILVER PACKAGE WITH FLEXIBLE FINANCING

MAXIMUM FINANCING UP TO RM 15,000.00

0% INTEREST

Eligibility Criteria:

Bumiputera status

Malaysian citizen

Minimum age requirement is 16 years old or older

Must have an active individual bank account in Malaysia

Silver Flexible Highlights:

Training / Tuition fee	☑
Professional / Examination fee	☑
Monthly Allowance*	✗
Repayment*	**0%**

*Silver Package - Talent may be eligible for zero repayment, subject to the Terms and Conditions. Please refer to Peneraju.org for further details.

Scheme's limit for reapply*	**One-time only**

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CADS
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Build Data Driven Organization™
Start with a data literate workforce.

About us

CADS AI is a Skills Intelligence Platform™ that monitors the digital maturity of an organization and prepares the organization with the skills required to be successful in their digital journey.

CADS empower organizations to lead digital transformation with skills intelligence.

Our enterprise solutions for data literacy skills development is purposely built up accelerate data-driven maturity of organizations by building institutional data literacy skills.

Vision

Future proof the world by improving data literacy of economies.

Mission

Accelerate data-driven maturity of organizations by building institutional data literacy skills.

BUILD DATA DRIVEN ORGANIZATION TM

Businesses of the next decade can gain unparalleled advantages through data, analytics and artificial intelligence.

BRIDGE WORKFORCE'S DATA LITERACY SKILLS GAPS

Unlock the ability to transform data into meaningful intelligence.

DEVELOP FUTURE-READY WORKFORCE

Develop people-focused transformation roadmap to scale and expand business locally, regionally, and internationally.

We work with ambitious organizations from Fortune 500 companies and market leaders in banking, oil and gas, and government sectors in ASEAN to build data literate talents.

PETRONAS · experian. · UNIVERSITI MALAYA · Linked in · coursera · MyREF · AXA AFFIN

MoneyLion · axiata · MTDC · The BISPA · entomo · AUDITXPRT

Testimonials

100% of participants from a tracer study agreed that the program would benefit the state's ambition to be a digital & data-driven state.

Supervisors of participants provided a weighted average of 4.08 over 5.00 in the agreement that the program enhanced employees' knowledge and skill in their workplace.

100% of supervisors agree that the program had increased productivity levels & quality of work after program completion.

100 % of the supervisors would recommend the program to other employees and agencies.

Post-program tracer study, state government agency, Malaysia

I didn't know that Big Data itself is huge. At least I know how to optimize and utilize data better now!

Nur Amira Binti Zamri, Executive, Culture & Engagement, UMW

Overall, the training program gives me a new sight of data in the corporate world. The training structure was approachable and comprehensive.

Sharon A/P Sathiyavoo, MIDF

This program gives me valuable knowledge and experiences to solve real-world problems with technology. At the same time, it also helped me to upskill and prepare me for my career advancement.

Siratol Azrina Binti Mahisar, TM

Sri Thiba Nathan a/l Chellamuthu, RHB
Learned about Cloud, Hadoop ecosystem HDFS, Managing Big Data Software... which is helped me to enhanced my knowledge & improved my skills in order enroll myself into future projects.

78 CPD HOURS For the members of the Malaysia Board of Technologists(MBOT), 78 CPD hours will be awarded upon completion of the Associate Enterprise Data Analyst (AEDA) certification course.

PDU Approved

INFORMS is the leading international association for professionals in operations research, analytics, management science, economics, behavioral science, statistics, artificial intelligence, data science, applied mathematics, and other relevant fields.

CADS is a Professional Education Partner (PEP) with INFORMS. PEP is an INFORMS program designed to provide a reliable list of organization and university courses that learners can use to earn professional development units (PDUs) and help learners remain Certified Analytics Professionals (CAPs). Holder of AEDA certification can earn PDUs recognized by INFORMS.

Industry-leading organizations are now driven by data.

As a result, organizations need a data-driven strategy and a plan to develop their analytics and data science talents to support this strategy.

We tailor-made and develop specialized skills development training program for all levels of workforce. All of the programs are HRDF claimable.

- Data-driven leadership
- Data-driven culture development
- Forming a data science team
- Data-driven organization roadmap

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Contact Us

If you have a question regarding any aspect of our programs, you can generally find an answer on our website: **cads.ai**

Email: engage@thecads.com

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