



EDA

Enterprise
Data
ANALYST



CADS

FUTURE PROOFING THE WORLD!

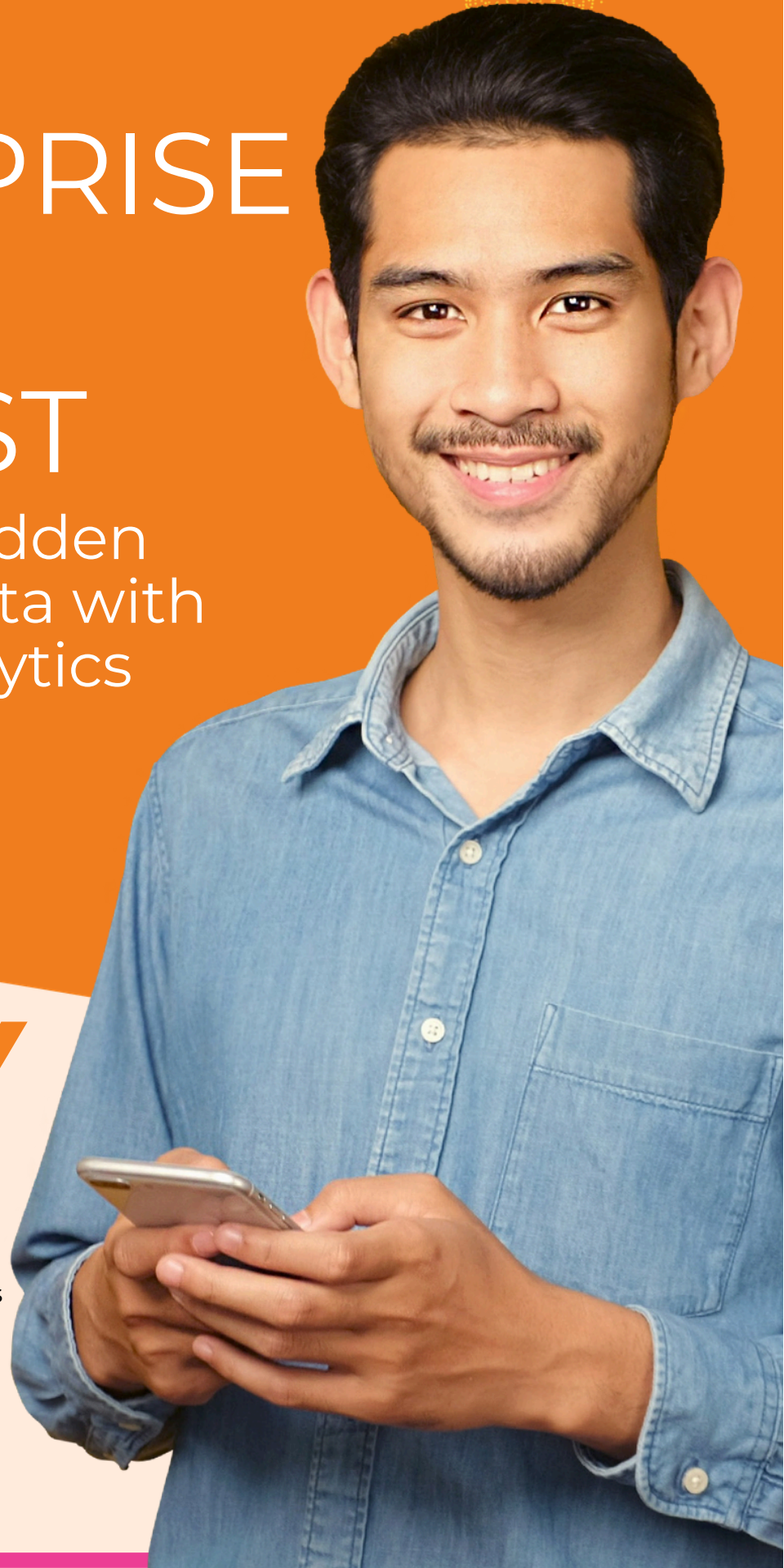
ENTERPRISE DATA ANALYST

Harness the hidden
value of big data with
advanced analytics

APPLY NOW!

Instructor-led workshop: 42 hours
+ Self-paced E-learning: 82 hours

cads.ai





Harness the hidden value of big data with advanced analytics

Enterprise data analysis tools, techniques, and technologies enable businesses to make informed decisions based on data rather than relying solely on intuition or gut feelings. However, finding individuals with the right skill set and experience for data analysis can be challenging.

Not everyone is suited for this field. Identifying a competent data analyst is difficult, and training them can be even more challenging. Upon completing their training, candidates will learn how to ask meaningful questions about the data, identify underlying patterns, interpret what those patterns signify, and effectively communicate their findings so that others will pay attention.

Learning Outcome



Understand the core elements of the SOFA program, including its functions, data structures, and variables.



Design and solve a data-related problem by writing a functional program.



Understand the principles, techniques, and practices relevant to relational databases and SQL.



Utilize data visualization and storytelling principles to create information that aids in decision-making.



Develop a predictive model using the techniques and models taught to achieve the objectives set in the Capstone Project.



Create comprehensive reports and dashboards for organizations from multiple perspectives.



Develop and implement a database for the organization to store valuable business information.



Convert raw data into actionable insights to enhance decision-making in organizations using advanced statistical methods.

Programs





Enhance performance predictability with time series forecasting, regression modelling and hypotheses testing.

The demand for professionals who can interpret and analyse large amounts of data is at an all-time high. While data analysis skills are sought after, the supply of qualified candidates continues to be limited.

The Enterprise Data Analyst program is a 124-hour, fast-paced, and intensive introduction to the interdisciplinary field of data analytics. This program covers various topics, including database management, statistical methodologies for manipulating multiple datasets, hypothesis testing, forecasting, modelling, and more.

Course Outline

Inferential Statistics

Inferential statistics allows you to generalize the results of statistical analyses from samples to larger populations. It enables you to test hypotheses, evaluate data-driven decisions, and communicate statistical findings accurately and effectively. In this module, you will learn how to transform raw data into valuable information that supports decision-making in organizations using advanced statistical techniques. You will gain insights from raw data and apply probability theory and statistical analysis to generalize your results.



ABtesting

A/B Testing enables you to design and analyze the results of a controlled experiment to determine if specific changes, such as adjustments in product design or feature expansion, have improved performance. By attending this course, you will be equipped to support business decisions related to product design and process improvements, ultimately leading to cost savings throughout the product development lifecycle.



Regression Modelling & Model Evaluation

Regression Modeling and Model Evaluation focuses on understanding the relationship between a specific outcome and various factors in the data. This module aims to provide a comprehensive understanding of regression modeling, which describes the optimal combination of known features in the data to estimate a particular business outcome.

Model evaluation assesses the uncertainty of these predictions. You will learn to evaluate and compare different regression models to determine their levels of uncertainty and select the best-performing model that can generalize effectively to unseen data. These skills will enable analysts to estimate a specific business outcome based on other known factors using statistical methods.



TimeSeries Forecasting

Time Series Forecasting provides an introduction to analyzing and forecasting time series data using various popular smoothing and regression techniques. In this course, you will learn to build, analyze, and forecast time series models using the Holt-Winters and ARIMA methods. Upon completing the course, you will be able to use time series models to make accurate forecast projections that can inform business decision-making.



Capstone

Complete a capstone project that integrates massive parallel data processing, data exploration, and visualization techniques. Showcase your understanding by applying advanced techniques and statistical methods from the Enterprise Data Analyst program.



Master the art of storytelling with data and utilize data visualization to effectively present insights for business decision-making.

Earn a certificate as you develop your analytics skills with Excel, Tableau, and Power BI.

Complete a capstone project to demonstrate your skills and competencies.



EDA

Enterprise
Data
ANALYST



CADS

FUTURE PROOFING THE WORLD!



 **SIGN UP**



YAYASAN PENERAJU FINANCING SCHEME



SILVER PACKAGE WITH FLEXIBLE FINANCING







MAXIMUM FINANCING UP TO RM 15,000.00








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**



Build Data Driven Organization™

Start with a data literate workforce.

About us

CADS AI is a Skills Intelligence Platform™ that monitors an organisation's digital maturity and equips it with the skills necessary for success on its digital journey. CADS empowers organisations to drive digital transformation through skills intelligence.

Our enterprise solutions for developing data literacy skills are specifically designed to enhance the data-driven maturity of organisations by fostering institutional data literacy.



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™

Companies in the upcoming decade can gain significant advantages through data, analytics, and artificial intelligence.



BRIDGE WORKFORCE'S DATA LITERACY SKILLS GAPS

Unlock the ability to transform data into meaningful intelligence.

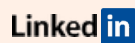


DEVELOP FUTURE-READY WORKFORCE

Create a transformation roadmap that prioritizes people to scale and expand the 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.





Testimonials

All participants in a tracer study unanimously agreed that the program would support the state's goal of becoming a digital and data-driven state. Supervisors of the participants provided a weighted average score of 4.08 out of 5.00, indicating strong agreement that the program enhanced employees' knowledge and skills in their workplace.

Additionally, 100% of supervisors reported an increase in productivity levels and quality of work following the completion of the program. Furthermore, all 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 optimise and utilize data better now!

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



Positive, impact and helpful for talent to apply skills and techniques of better analyzing, preparing and presenting data to the relevant stakeholders of the business.

Kian Joo Group



Good course. Very insightful on how to actually perform analysis before we want to plot our visualisation. There is also methodology as a guide to give the best representation or story based on the data.

Muhamad Shairiey Masud Khairi, Executive, IT & Data Analytics, Sime Darby Plantation Berhad



For the members of the Malaysia Board of Technologists (MBOT), 48 CPD hours will be awarded upon completion of the Enterprise Data Analyst (EDA) certification course.



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.



EDA Enterprise
Data
ANALYST



CADS
FUTURE PROOFING THE WORLD!

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



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



Singapore

6, Raffles Boulevard,
Marina Square, #03-308,
Singapore 039594.

Malaysia

Unit A10-01, 10th Floor, Blok A,
Pusat Dagangan Phileo
Damansara 1, No.9, Jalan
16/11, Off Jalan Damansara,
46350 Petaling Jaya,
Selangor.
+60 3-7931 2963

Indonesia

7th Floor The Vida,
Jl. Raya Perjuangan
No. 8, Kebun Jeruk,
Jakarta, 11530, Indonesia.

Philippines

4F Unit 2C, One Ecom Center
Building, Ocean Drive, Mall of
Asia Complex, Pasay City,
1300 Manila, Philippines

Get connected with CADS on social media

- [thecads.org](https://www.thecads.org)
- [cads.ai](https://www.instagram.com/cads.ai)
- [The Center of Applied Data Science](https://www.linkedin.com/company/the-center-of-applied-data-science)
- [cads.ai](https://twitter.com/cads.ai)
- [The Center of Applied Data Science](https://www.youtube.com/channel/UC...)
- [cads_ai](https://www.telegram.com/cads_ai)
- [m.me/thecads.org](https://medium.com/@theCADS.com)
- @theCADS.com
- [cads.ai](https://www.soundcloud.com/cads.ai)
- wa.me/message/QGG7VIUEQB3TB1