

UNIVERSITY OF SCIENCE  
FACULTY OF INFORMATION TECHNOLOGY



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## GOOGLE DATA ANALYTICS

COURSERA

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*Giảng viên hướng dẫn*

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# 1 Certificate

## 1.1 Professional Certificate: Google Data Analytics by Coursera



Figure 1: Verification

## 1.2 Enrollment date (8 courses)

1. Foundations: Data, Data, Everywhere - 22nd October 2023
2. Ask Questions to Make Data-Driven Decisions - 24th October 2023
3. Prepare Data for Exploration - 27th October 2023
4. Process Data from Dirty to Clean - 29th October 2023
5. Analyze Data to Answer Questions - 5th November 2023
6. Share Data Through the Art of Visualization - 6th November 2023
7. Data Analysis with R Programming - 6th November 2023
8. Google Data Analytics Capstone: Complete a Case Study - 6th November 2023

Completion date of each course: On certificate verification link.

## 2 Course 1: Foundations: Data, Data, Everywhere

- The introductory part of the course was a fascinating journey into the world of data analytics. I gained valuable insights into the role and skills of a data analyst, and how data influences decision-making processes in various contexts.
- The second part of the course allowed me to delve deeper into the life cycle of data and the process of data analysis. I learned about the stages of data collection, processing, analysis, and communication, and the tools and techniques used at each stage. I also honed my analytical thinking skills and learned to ask insightful questions.
- In the third part of the course, I mastered the basics of spreadsheets, query languages, and data visualization tools. I learned to organize, manipulate, and analyze data using spreadsheets, perform calculations using formulas and functions, query data from databases using SQL, and create interactive dashboards and charts using Tableau.
- In the fourth part of the course, I explored the diverse range of businesses and industries that leverage data analytics, and the career opportunities available for data analysts. I also prepared for the Google Data Analytics Certificate and learned how to showcase my skills and portfolio.
- Finally, I successfully completed the Course Challenge, which tested my understanding of the main concepts and terms covered in the course. I applied these concepts in two scenarios, demonstrating my analytical thinking and problem-solving skills.

**3 Course 2: Ask Questions to Make Data-Driven Decisions**

**4 Course 3: Prepare Data for Exploration**

**5 Course 4: Process Data from Dirty to Clean**

**6 Course 5: Analyze Data to Answer Questions**

**7 Course 6: Share Data Through the Art of Visualization**

**8 Course 7: Data Analysis with R Programming**

**9 Course 8: Google Data Analytics Capstone: Complete a Case Study**