



9 Courses

**Introduction to Data Analytics**

**Excel Basics for Data Analysis**

**Data Visualization and Dashboards with Excel and Cognos**

**Python for Data Science, AI & Development**

**Python Project for Data Science**

**Databases and SQL for Data Science with Python**

**Data Analysis with Python**

**Data Visualization with Python**

**IBM Data Analyst Capstone Project**



Sep 8, 2022

## CÔNG THÀNH PHẠM

has successfully completed the online, non-credit Professional Certificate

# IBM Data Analyst

This IBM Professional Certificate is earned after successfully completing 9 courses on various topics in Data Analytics. The learner understands the core principles of data analysis and has worked hands-on with a variety of data sources, project scenarios, and data analysis tools, including Excel, SQL, Relational Databases, Python, Jupyter Notebooks, and Cognos Analytics, gaining practical experience with data manipulation, data analysis, and data visualization. The earner of this Certificate has demonstrated proficiency in applying different analytical techniques by analyzing real-world datasets, creating visualizations & interactive dashboards, and presenting reports to share findings of data analysis, and is now equipped with skills for an entry-level role in data analytics.

Rav Ahuja, Program  
Director, IBM Skills  
Network

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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