Future Learn

Certificate of Achievement

Ma'shum Abdul Jabbar

has completed the following course:

EVIDENCE AND DATA COLLECTION FOR PROBLEM SOLVING
UNIVERSITY OF LEEDS AND INSTITUTE OF CODING

On this course, you've been introduced to key data concepts, learning how to solve simple, everyday problems using data. You've discovered data ethics and the restrictions that exist in using other people's data and learned how to present data in a meaningful way that's easy to understand.

2 weeks, 2 hours per week

Kim Plowright
Lead Educator

UNIVERSITY OF LEEDS

institute of CODING

UNIVERSITY OF LEEDS

institute of CODING

Ma'shum Abdul Jabbar

has completed the following course:

EVIDENCE AND DATA COLLECTION FOR PROBLEM SOLVING
UNIVERSITY OF LEEDS AND INSTITUTE OF CODING

86%
AVERAGE TEST
SCORE

On this course, you've been introduced to key data concepts, learning how to solve simple, everyday problems using data. You've discovered data ethics and the restrictions that exist in using other people's data and learned how to present data in a meaningful way that's easy to understand through data visualisation techniques. To give real-world context to your learning, you've examined these data concepts through the case study of a small business owner.

STUDY REQUIREMENT
2 weeks, 2 hours per week

LEARNING OUTCOMES
- Describe the difference between data, metadata and knowledge
- Summarise how data is used to solve problems
- Interpret trends and analyse patterns from a dataset
- Debate the ethical considerations of data collection
- Produce a plan to solve a problem with evidence and data
- Apply a simple visualisation technique to make data easier to understand and work with

SYLLABUS
- Explore the notion of data and what that actually means
- Learn the key terminology related to dealing with data
- Explore how data can be used to solve problems
- Explore individual sets of data that can be brought together to form datasets, which can then be used for greater insights
- Explore the ethics and rules of using other people's data
- Learn how to turn data into something visual and easy to understand

Future Learn