Data Science in Business

Lesson Summary

In this lesson, you have learned:

* Data Science helps physicians provide the best treatment for their patients, and helps meteorologists predict the extent of local weather events, and can even help predict natural disasters like earthquakes and tornadoes.
* That companies can start on their data science journey by capturing data. Once they have data, they can begin analysing it.
* Some ways that data is generated by consumers.
* How businesses like Netflix, Amazon, UPs, Google, and Apple use the data generated by their consumers and employees.
* The purpose of the final deliverable of a Data Science project is to communicate new information and insights from the data analysis to key decision-makers.

# Career and Recruiting in DS

# Lesson Summary

In this lesson, you have learned:

* Data Scientists need programming, mathematics, and database skills, many of which can be gained through self-learning.
* Companies recruiting for a Data Science team need to understand the variety of different roles Data Scientists can play, and look for soft skills like storytelling and relationship building as well as technical skills.
* High school students considering a career in Data Science should learn programming, math, databases, and, most importantly practice their skills.

Report Structure

Report format

cover page, table of contents, abstract/executive summary, introductory section

, methodology, results, discussion, conclusion, acknowledgments, references, and appendices

 cover page should include the title of the report, names of authors, their affiliations, and contacts, the name of the institutional publisher (if any), and the date of publication

* Have you told readers, at the outset, what they might gain by reading your paper?
* Have you made the aim of your work clear?
* Have you explained the significance of your contribution?
* Have you set your work in the appropriate context by giving sufficient background (including a complete set of relevant references) to your work?
* Have you addressed the question of practicality and usefulness?
* Have you identified future developments that might result from your work?
* Have you structured your paper in a clear and logical fashion?

Lesson Summary

In this lesson, you have learned:

* The length and content of the final report will vary depending on the needs of the project.
* The structure of the final report for a Data Science project should include a cover page, table of contents, executive summary, detailed contents, acknowledgements, references and appendices.
* The report should present a thorough analysis of the data and communicate the project findings.