< The Square



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Welcome to the **Data Science** Learning Playlist

What is **Data Science?**

Data science is the study of the extraction of knowledge from data by using math, probability models, machine learning, computer programming, statistics, pattern recognition and learning, visualization, and uncertainty modeling. The main goal of the study is to extract useful knowledge from the data.

Your **Resources**

Groups on GCcollab

- Data Science Group (https://gccollab.ca/groups/profile/5881/data-science-science-des-donnees)

Events

- Add an event

Videos

- Add a video

News Articles and Blogs

- Add an article/blog

Online Courses

- Microsoft - Introduction to Data Science (https://www.edx.org/course/introduction-to-data-science)
- Microsoft - Introduction to Python for Data Science (https://www.edx.org/course/introduction-to-python-for-data-science)
- Readings in Applied Data Science - Hadley Wickham (https://github.com/hadley/stats337)

Books

- Introduction to Statistical Learning with Applications in R (http://www-bcf.usc.edu/~gareth/ISL/ISLR%20Seventh%20Printing.pdf)
- Elements of Statistical Learning (https://web.stanford.edu/~hastie/Papers/ESLII.pdf)

Podcasts

- Data Skeptic Podcast (https://dataskeptic.com/)

Academic Articles

- Add an academic article

Social Media Accounts to Follow (e.g. T witter handles, LinkedIn groups, etc.)

- Add an account

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