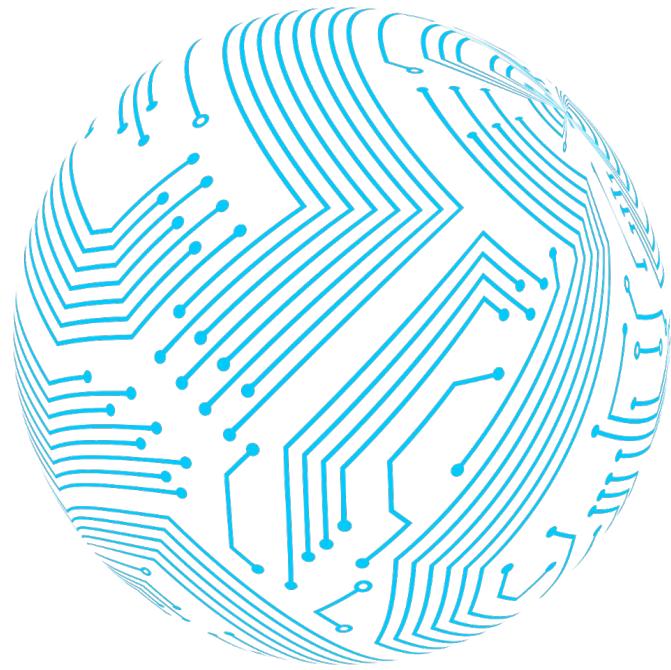


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The World Data Science Institute is the premier place to get Financial Data Science Education.

CYBERSECURITY AND FINANCIAL DATA SCIENCE

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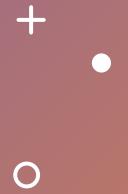
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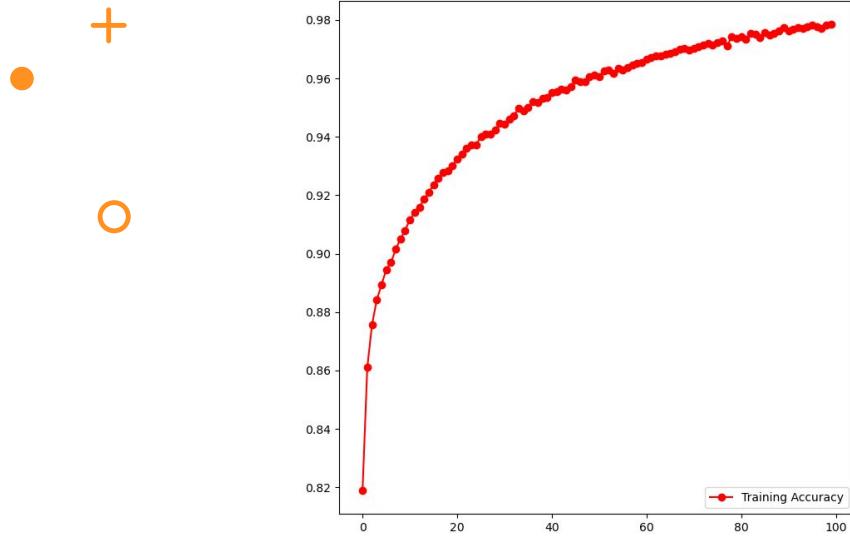


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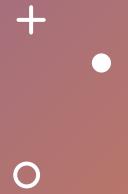
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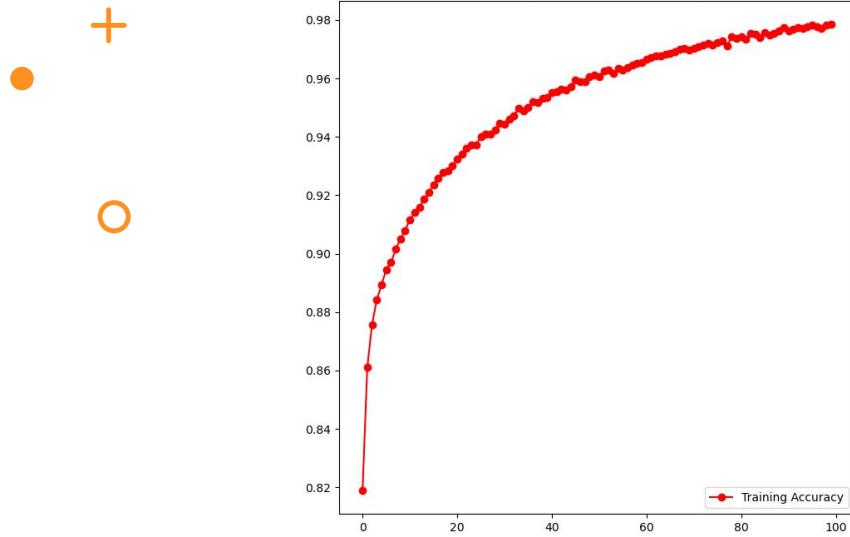


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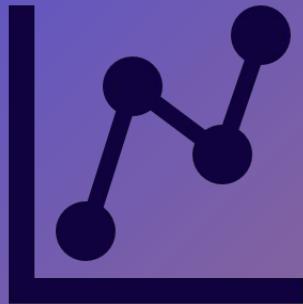
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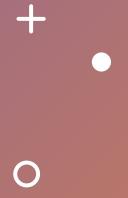
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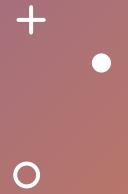
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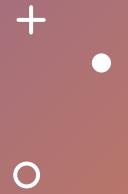
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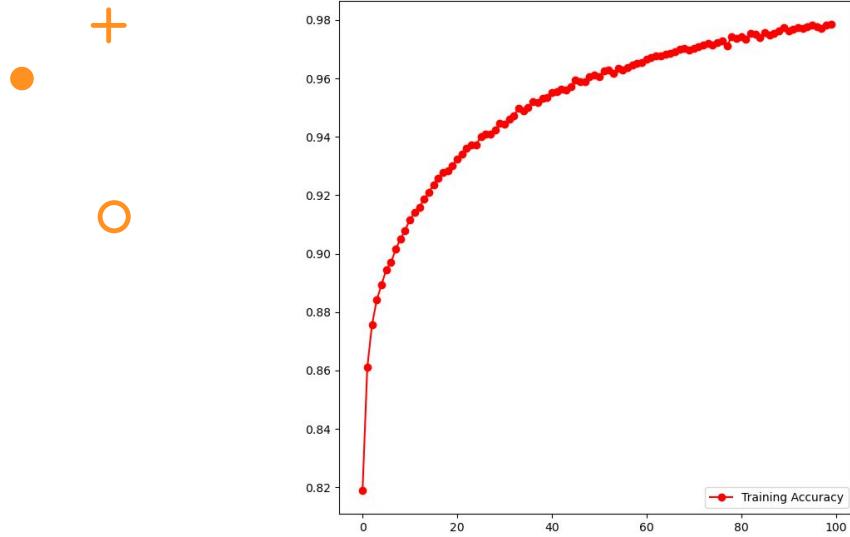


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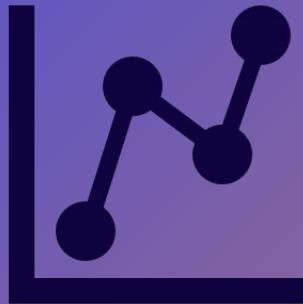
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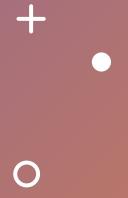
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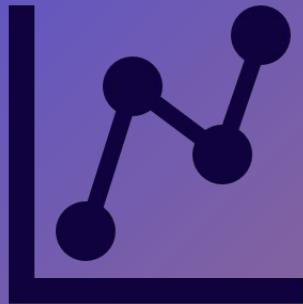
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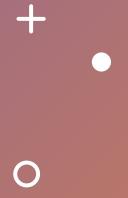
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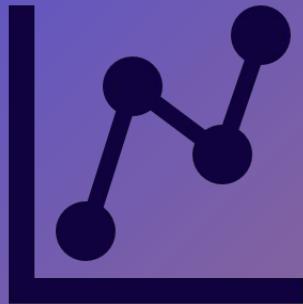
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Data Science Strategy: Regression

In this scenario, regression is used to classify whether a particular transaction is fraud using previous known examples of transactional fraud.

Regression is useful for detecting fraud quickly and efficiently, but is limited by the robustness of the dataset.

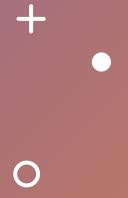
Summary



Data science is the field of study that focuses on the preparation and analysis of "Big Data" in order to reveal patterns in the data and draw valuable insights.



Data Science is used in many fields in order to provide insightful analysis



Summary(Cont.)



Cybersecurity is the study/implementation of internet security practices in order to prevent the unauthorized access of network data.



Cybersecurity is one of the most in demand fields, as more and more companies look to protect their data

Summary(Cont.)

Data sciences practices such as Machine Learning automate the process of identifying potential risks and issues of a security system by using previous data to influence future algorithmic decision making.

Machine Learning is commonly implemented in modern day financial cybersecurity systems by using deep learning methods to create a functional neural network that can detect potential fraud or cybersecurity issues

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