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How to spot an event that only occurs 0.18% of the time? Here's an essential technique that is used more rarely than it should: class weighting. A must for dealing with very imbalanced classification datasets, such as those you see in fraud detection.



Keras documentation: Imbalanced classification: credit card fraud detection
keras.io

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https://keras.io/examples/structured_data/imbalanced_classification/

deploying slides:

<https://github.com/sayakpaul/TalksGiven/blob/master/Vertex%20AI%20for%20Easier%20ML%20Deployments.pdf>

data sets:

<https://towardsdatascience.com/all-the-datasets-you-need-to-practice-data-science-skills-and-make-a-great-portfolio-74f2eb53b38a>

4 deep learning papers

<https://towardsdatascience.com/four-deep-learning-papers-to-read-in-july-2021-e91c546d112d>

probability
cheatsheets

https://github.com/wzchen/probability_cheatsheet

data science
cehatsheets

<https://github.com/ml874/Data-Science-Cheatsheet>

An introduction to
Probabilities and Statistics
like no other:

Seeing Theory: <https://seeing-theory.brown.edu>
Brown University.
Free.

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15/10/2020

COMPILED BY ABHISHEK PRASAD

All important cheat sheets abhishek prasad

**Interpretable
Machine Learning**

A Guide for Making
Black Box Models Explainable



Interpretable Machine Learning (christophm.github.io)

More links from standford that are good
[CS 229 - Deep Learning Cheatsheet \(stanford.edu\)](https://stanford.edu/cs229/DeepLearningCheatsheet)