Developing a Flight Delay Prediction Model using Machine Learning

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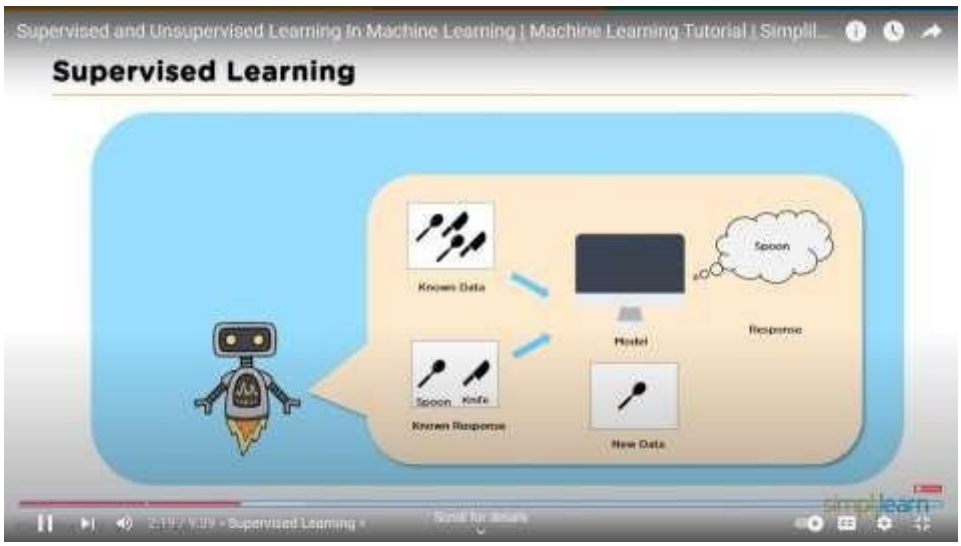
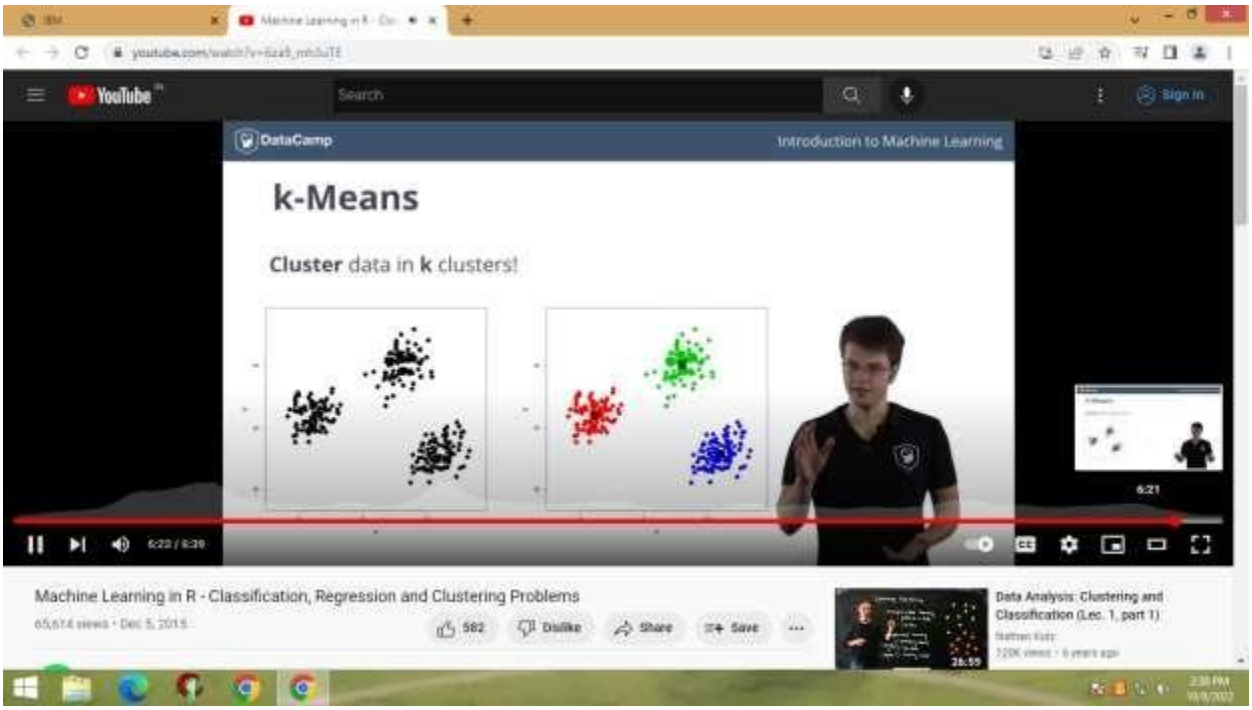
Prior Knowledge:

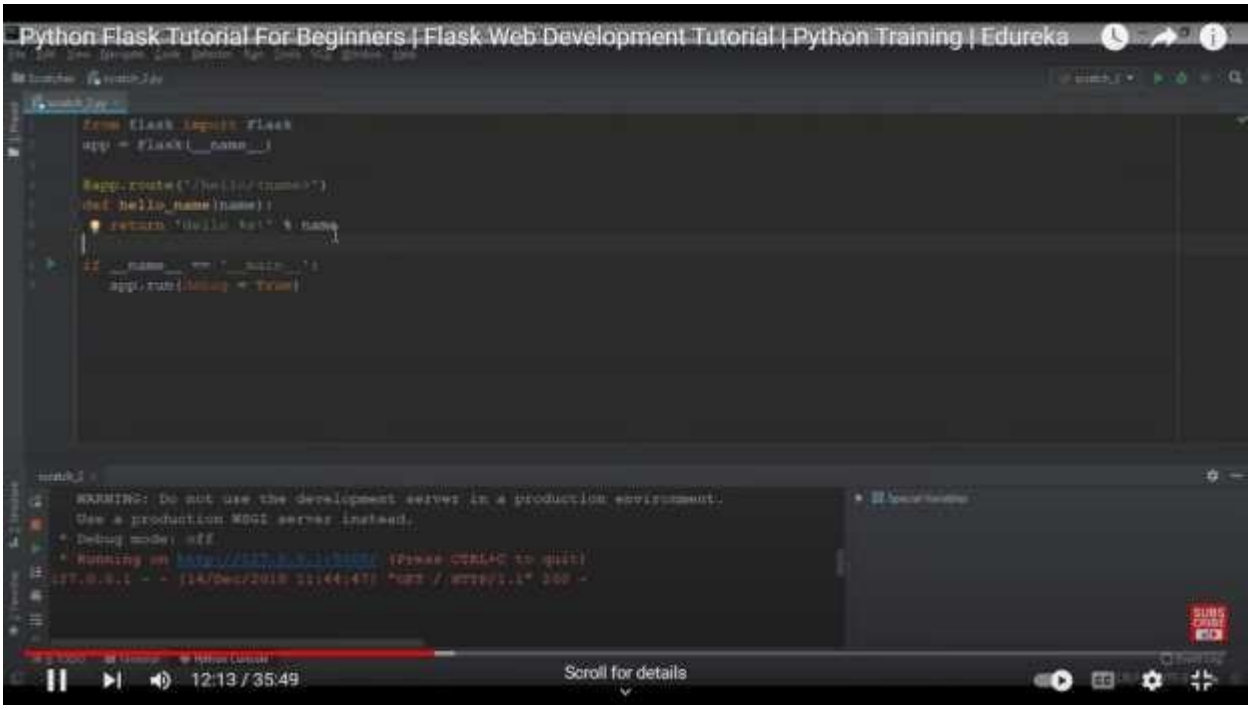
Supervised and unsupervised learning:



Regression Classification and Clustering:



Flask: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12:13 / 35:49
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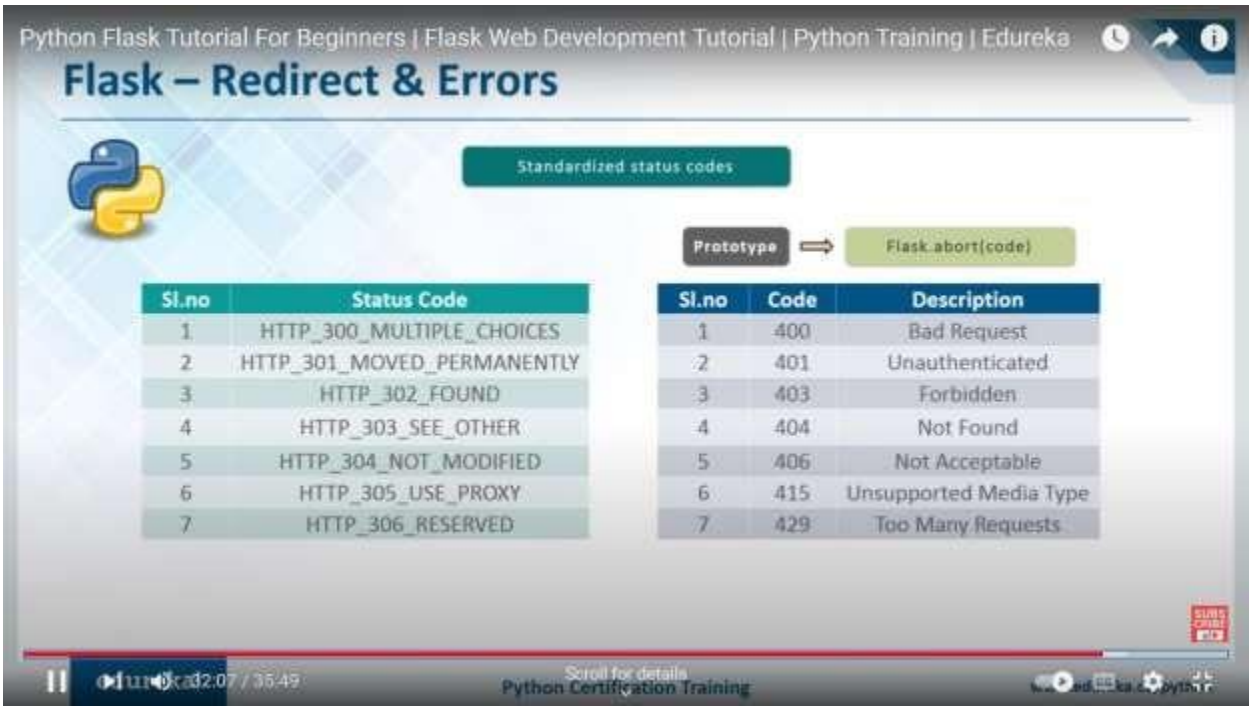
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Flask – Redirect & Errors
Standardized status codes
Prototype
Flask.abort(code)
Sl.no | Status Code
1 | HTTP_300_MULTIPLE_CHOICES
2 | HTTP_301_MOVED_PERMANENTLY
3 | HTTP_302_FOUND
4 | HTTP_303_SEE_OTHER
5 | HTTP_304_NOT_MODIFIED
6 | HTTP_305_USE_PROXY
7 | HTTP_306_RESERVED
Sl.no | Code | Description
1 | 400 | Bad Request
2 | 401 | Unauthenticated
3 | 403 | Forbidden
4 | 404 | Not Found
5 | 406 | Not Acceptable
6 | 415 | Unsupported Media Type
7 | 429 | Too Many Requests
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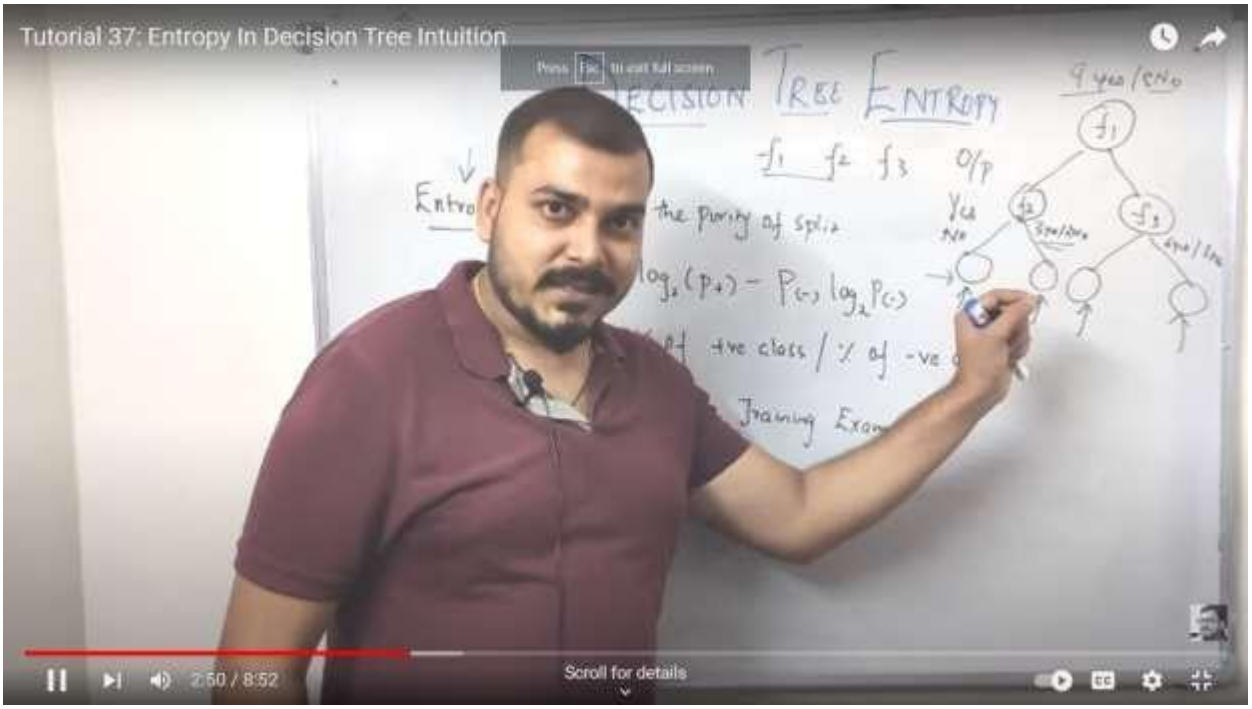
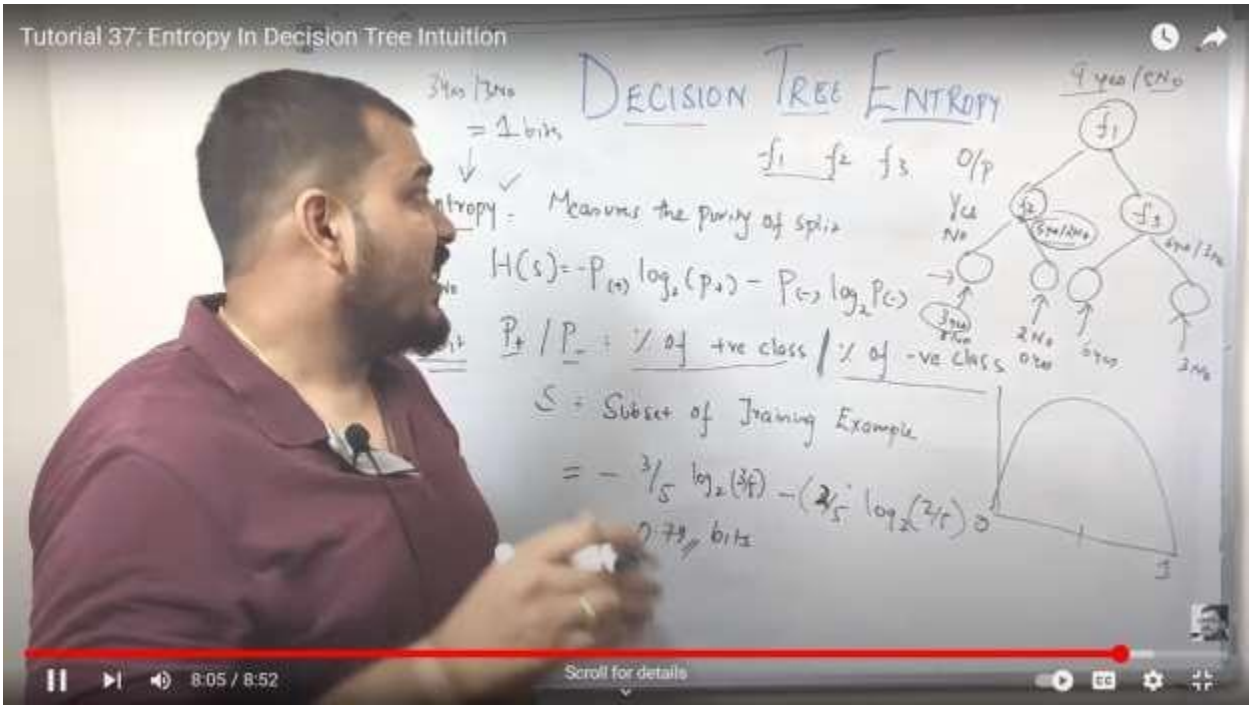
Python Certification Training

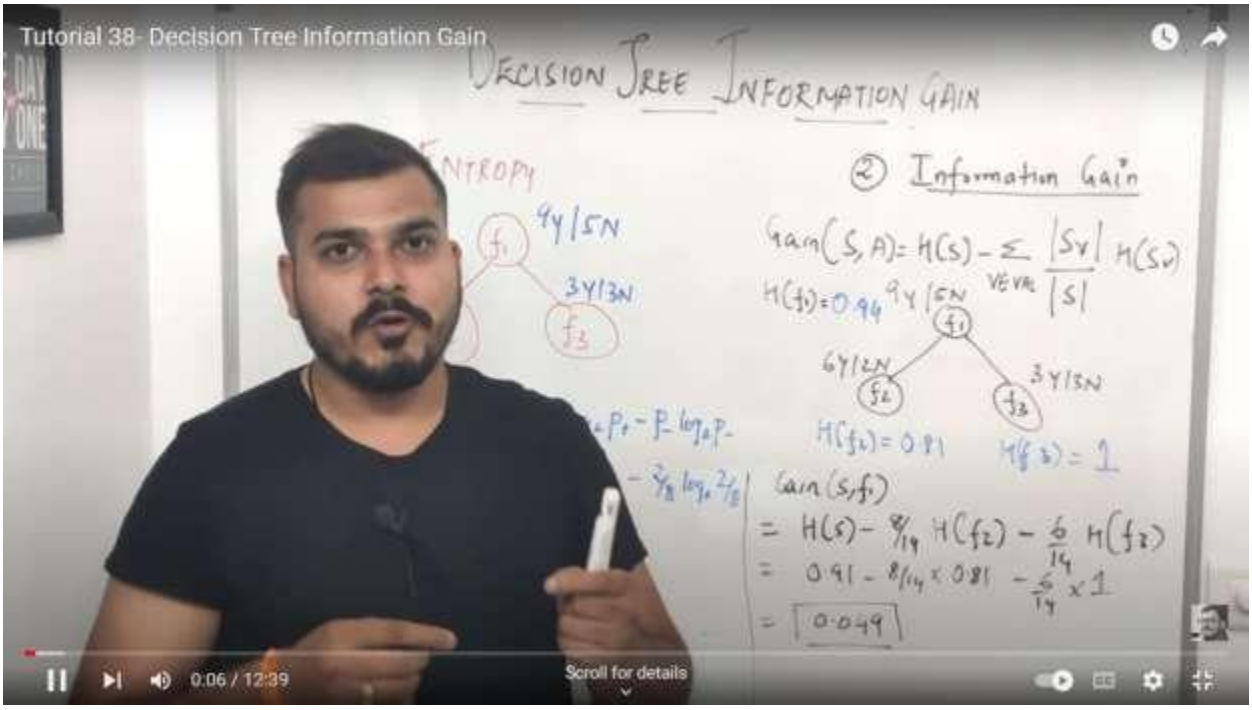
Decision Tree:

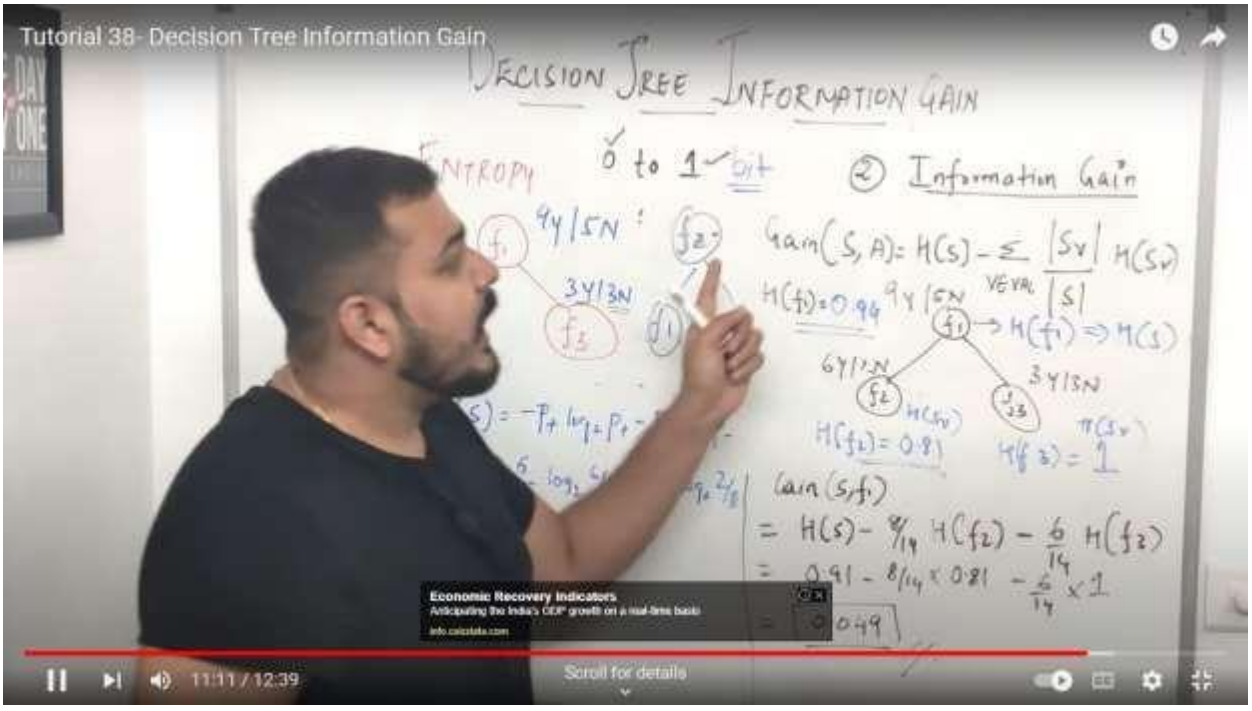
Entropy in Decision Tree Intuition:





Decision Tree information:





Gini Impurity intuition in depth in Decision