Week8

Monday, May 18, 2020 6:39 PM

# Orthogonalization.

* Fit training set well on cost function. → bigger n/w → ADAM
* " dev " " " " → Regularization. → Bigger training set
* " test " " " " → Bigger dev set
* " real-word examples " " " → Change dev set / cost fn.

→ Use single metric classifier ⟶ F1-score. {to many things to consider}

optimization criteria.

| Classifier | Accuracy | Running time ← satisfeying criteria |
|---|---|---|
| A | 90% | 80 ms < 100 ms. |
| B | 92% | 95 ms |
| C | 95% | 1,500 ms. |

(*) Maximize accuracy {wake up Siri}

(*) satisfeying criteria → 1 F.P {Siri}

(*) Size of test set:- Just large enough to give you confidence.