Cognivite Algorithms: Assignment 3

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Aufgabe 2

1. The Perceptron produces highly varying results, it even outperforms the LDA at sometimes while at other times it is even beaten by the NCC.

2. Yes, the data is optimal because the LDA makes the assumption of Gaussian distributed data. This is exactly the case with the SciPy method `multivariate_normal`.

3. If one reduced the variance of the data, the NCC would become as good as the LDA.