

# Chapter - 3

## Linear Models

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### 1 Introduction

We have already covered one linear model in chapter 1 - The Perceptron. Let us begin here by revisiting a slightly modified and enhanced version of Perceptron that works for non-linearly separable data as well.

### 2 Linear Classification

Input Representation  
Feature Engineering  
Pocket Perceptron

### 3 References

1. CalTech Machine Learning Course - CS156, Lecture 2.