* Chapter 1

ML fundamentals
- What is ML?
- Types of ML?
- Application of ML?
- Eg. of ML?
- Eg. of ML Algos?
- Data overfitting & underfitting
- Data models

* Chapter 2

Classification
- What is classifier?
- Types of classifier
- Perf. measure of classifier
  (Techniques of perf. measure)
  [No need to derive, only formula & definition]
- Confusion matrix & classification metrics

* Chapter 3

Training models (Supervised)
- Linear Regression (derivation - long qus)
- Logistic regression
  (X codes. Only theory & derivation)
- Decision Tree
  - What is DT?
  - Eg to explain how.
  - Features & Characteristics

- Bayesian theorem
  - why it is used?
  - Derive Bayes' theorem
  - Classification
  - Eg.
  - See solved problem.

- Perceptron Neural n/w
  - How to design
  - gradient descent method

- Support Vector M/c
  short note & how it work

- Clustering

Numerical + Naive Bayes.
Decision tree (small eg)

NO codes.