Regression, Classification, Clustering:

Applications

- Car insurance
  - Predict insurance premium
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Image segmentation
  - Predict regions in the image scene
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Medical diagnosis system
  - Predict diagnosis from medical conditions
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Stock/oil price prediction
  - Predict price of stock (or oil) from past fluctuations
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Medical imaging
  - predict cancer from brain MRI scan
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Price prediction
  - Predict price of a used car
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Delivery points
  - Predict delivery centres for a pizza service
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Student grade prediction
  - Predict expected grades of a student
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Social network analysis
  - Predict user communities having a particular interest
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Utility bill estimation
  - Predict gas/electricity/water bill of a household
  - Regression/classification/clustering?
  - Attributes? Target labels?

- News grouping
  - Predict news group from an article
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Biometric analysis
  - Predict person ID from fingerprint/face/iris scan
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Credit scoring
  - Predict credit rating of an individual or a business
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Price prediction
  - Predict price of a house for putting on sale
  - Regression/classification/clustering?
  - Attributes? Target labels?

- Object recognition
  - Predict objects in an image scene
  - Regression/classification/clustering?
  - Attributes? Target labels?