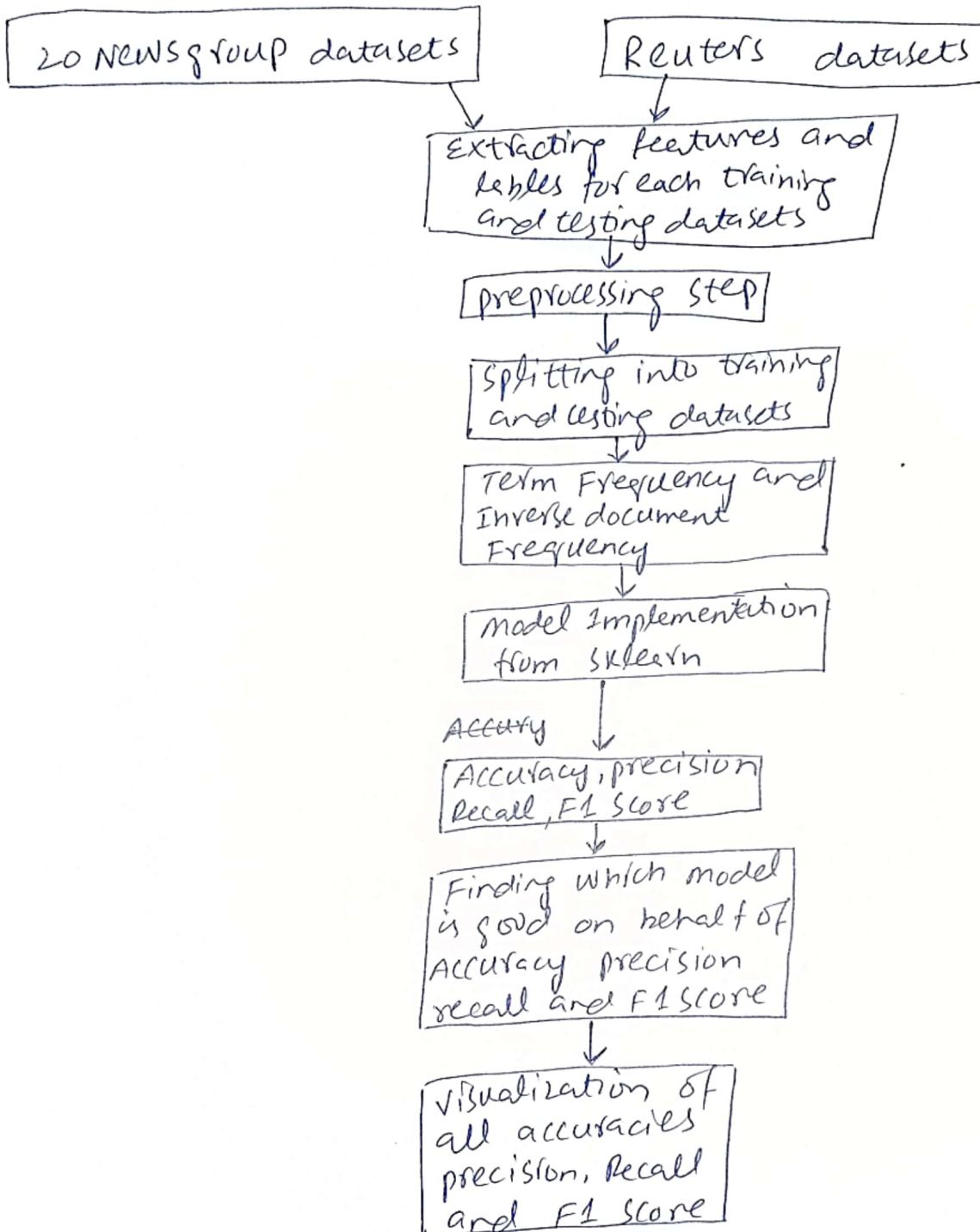


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Based on our experimental analysis we have found that logistic regression outperformed other models for text classification on the 20 new groups and Reuters news datasets. Now its coming to reason why logistic regression performed better than other models.

- 1) Linear separability
- 2) less prone to overfitting
- 3) Better handling of Imbalanced data
- 4) Efficient Training