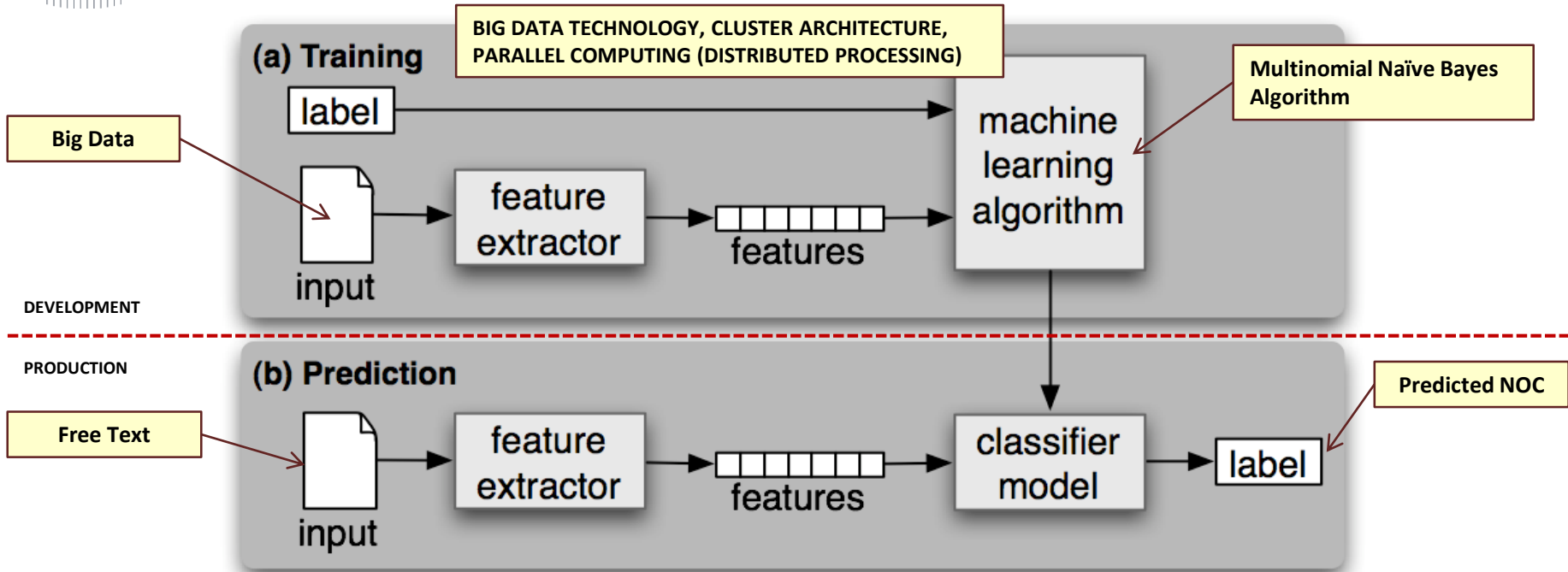




# MACHINE LEARNING WORKFLOW



## Training Stage: *(Development)*

- ✓ Data processing: ETL, cleaning, tokenizing and stemming
- ✓ Feature extraction: vector representation (*numeric*) and pattern recognition
- ✓ Test & Train: cross validation (*k-folds*), model evaluation (*Confusion Matrix*)
- ✓ Build model (binary file, reduced size, the brain of the system)

## Prediction Stage: *(Production)*

- ✓ Deploy classifier model to production environment
- ✓ Process input (i.e. job description)