1. Machine learning helps computers learn from past data and predict outcomes. It is used in chatbots and fraud detection.

2. Supervised learning trains models with labeled data, while unsupervised learning finds patterns without labels. Spam detection uses supervised learning, and customer grouping uses unsupervised learning.

3. Feature selection picks important data points for training a model. It makes models faster, more accurate, and avoids overfitting. It also helps understand how the model works.