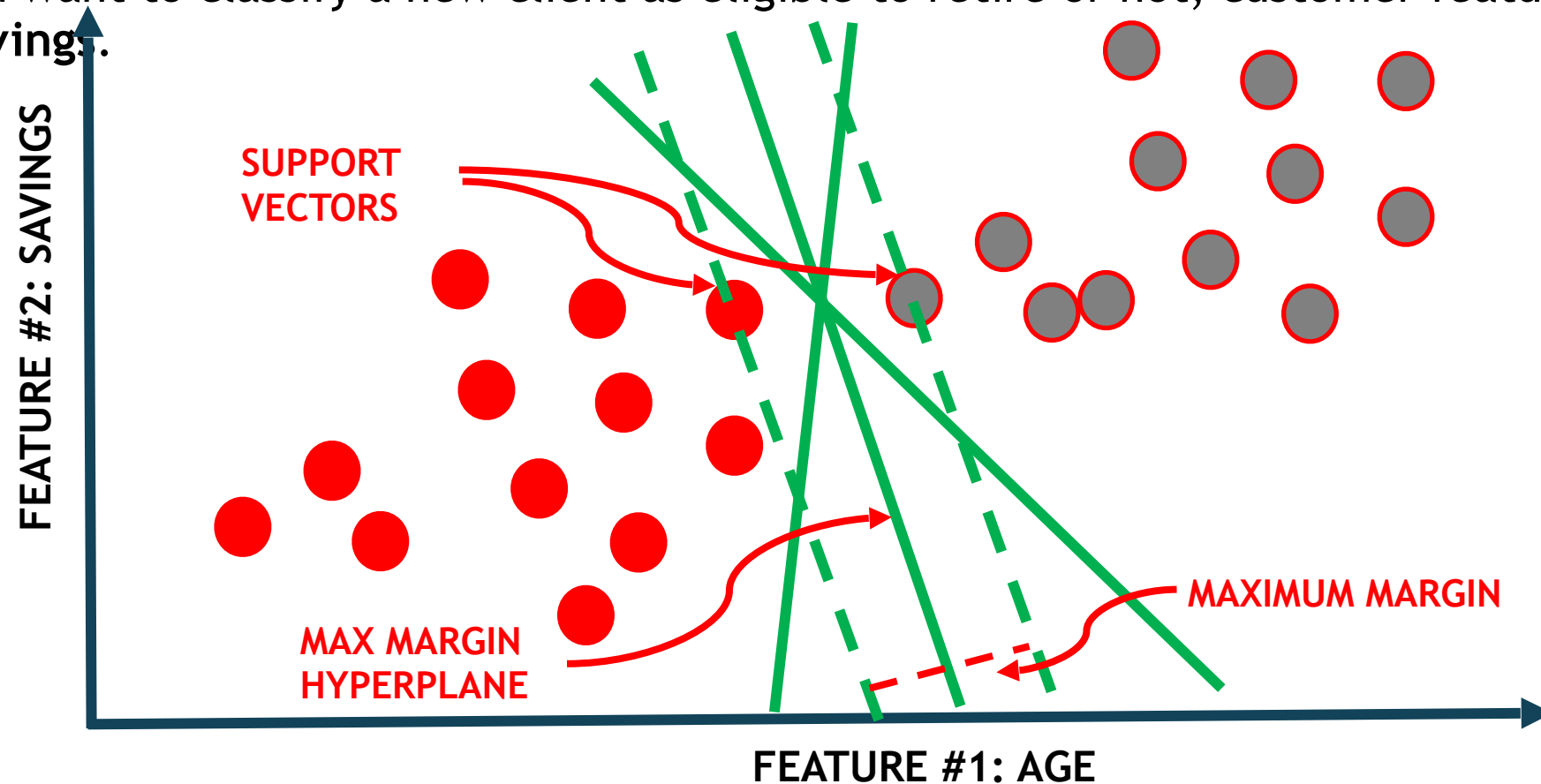


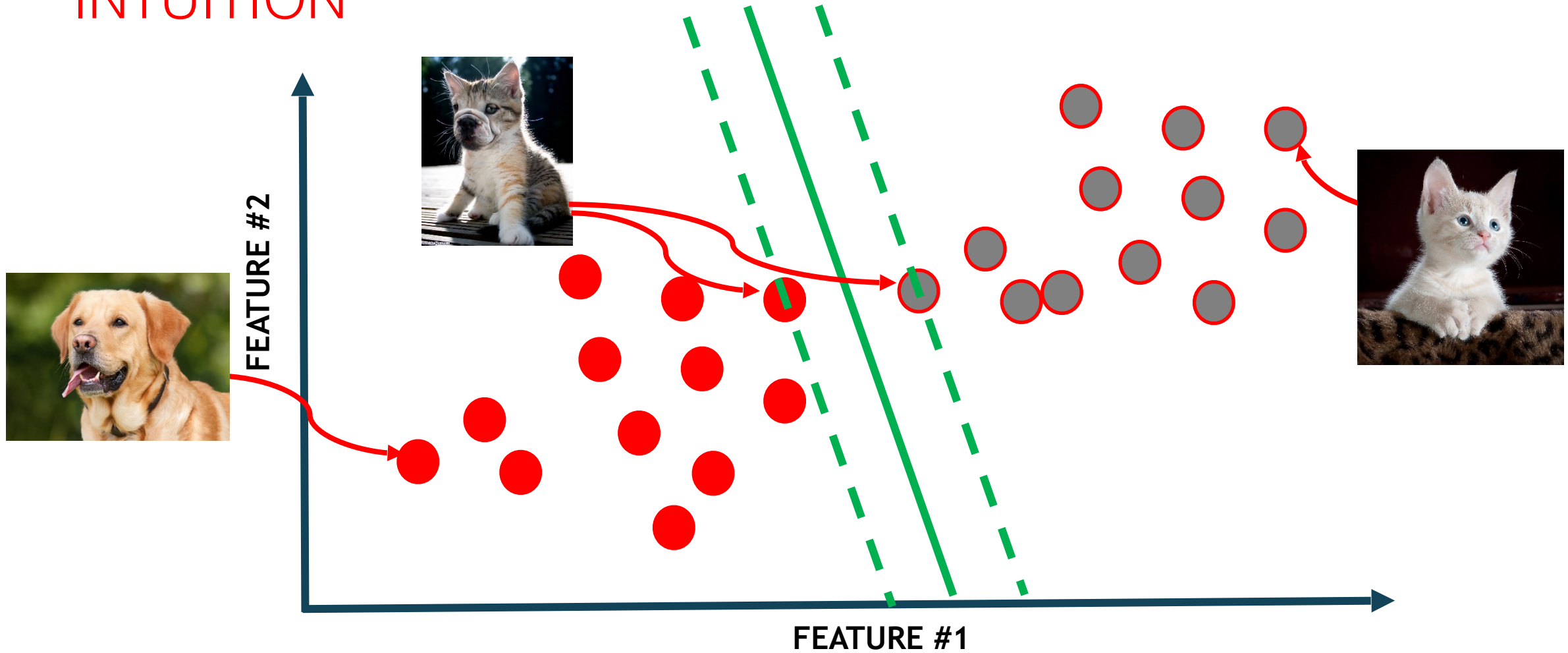
SUPPORT VECTOR MACHINES:

INTUITION

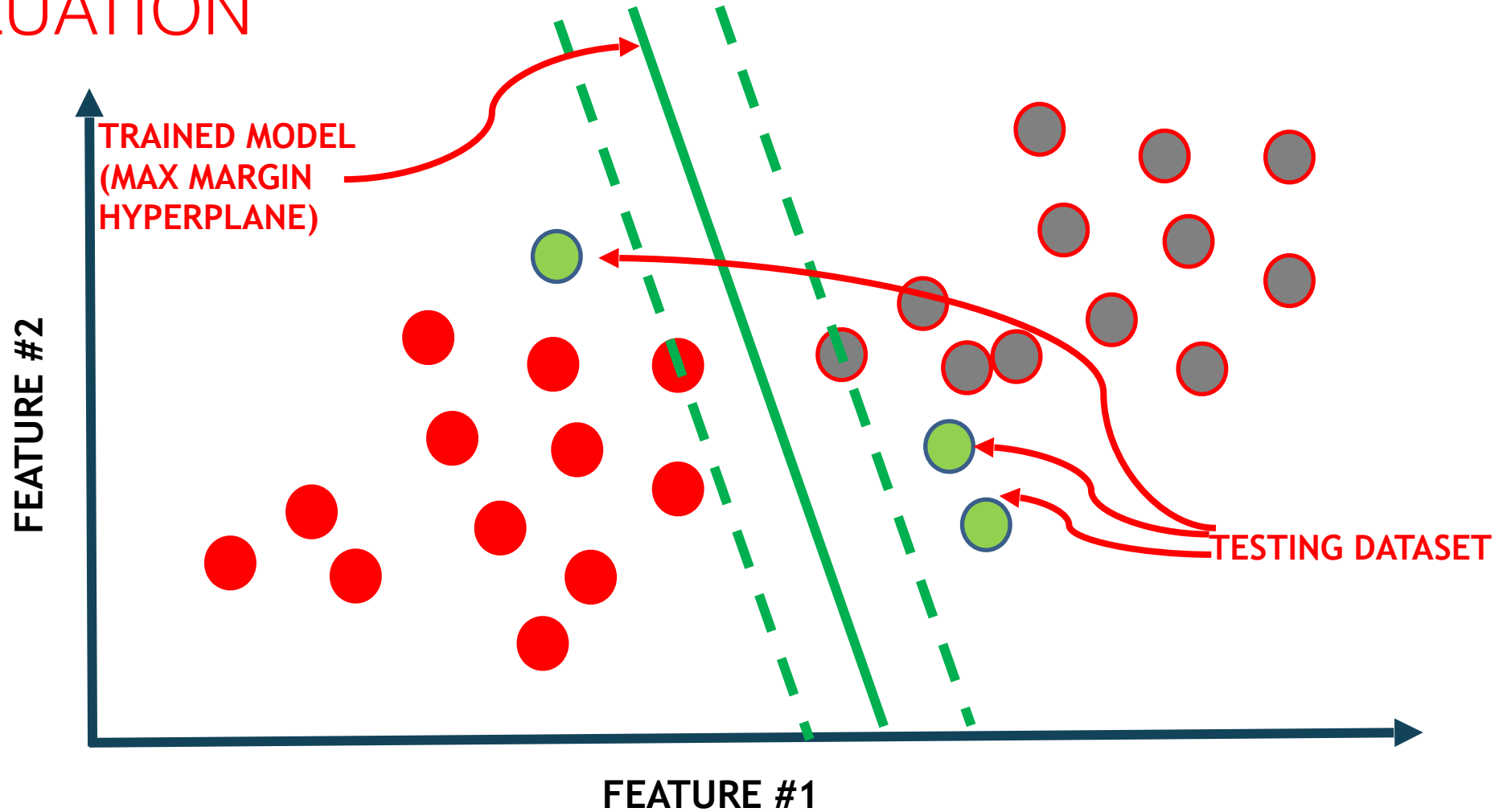
- Assume that you are data scientist working at a major bank in NYC.
- You want to classify a new client as eligible to retire or not, customer features are: **Age** and **Savings**.



SUPPORT VECTOR MACHINES: INTUITION



SUPPORT VECTOR MACHINES: MODEL EVALUATION



SUPPORT VECTOR MACHINES: **ADDITIONAL READING MATERIAL**

- Additional Resources, Page #202:
<http://www.cs.huji.ac.il/~shais/UnderstandingMachineLearning/understanding-machine-learning-theory-algorithms>
- Additional Resources, Page #337:
<http://www-bcf.usc.edu/~gareth/ISL/ISLR%20Seventh%20Printing.pdf>

