SVMs are used in a wide range of real-world applications, including:

* **Text Classification**:
  + Spam detection, sentiment analysis, and document categorization.
* **Image Classification**:
  + Handwritten digit recognition, object detection, and facial recognition.
* **Bioinformatics**:
  + Protein classification, gene expression analysis, and cancer diagnosis.
* **Finance**:
  + Credit scoring, fraud detection, and stock market prediction.
* **Healthcare**:
  + Disease diagnosis and medical image analysis.
* **Regression Tasks**:
  + Predicting house prices, weather forecasting, and energy consumption.