A diagram of a graph

Description automatically generated



A diagram of a graph

Description automatically generated A diagram of a line with dots and lines

Description automatically generated

**B**

**A**

Margin edge

A diagram of a line graph

Description automatically generated A diagram of a line graph

Description automatically generated

Margin edge

**D**

**C**

Margin edge

Margin edge

A diagram of different types of objects

Description automatically generated with medium confidence

Optimal separating hyperplane

seats in the middle

A diagram of a mathematical equation

Description automatically generatedA diagram of a maximum mark

Description automatically generatedA graph of a function

Description automatically generated A graph of a function

Description automatically generated

**SV = Support Vector**

**SV**

**SV**

**SV**

**SV**

**SV**

A diagram of mathematical equations

Description automatically generated\*

A graph of a function

Description automatically generated A graph of a function

Description automatically generated

A red and blue rectangle

Description automatically generated

**Maximum Margin**