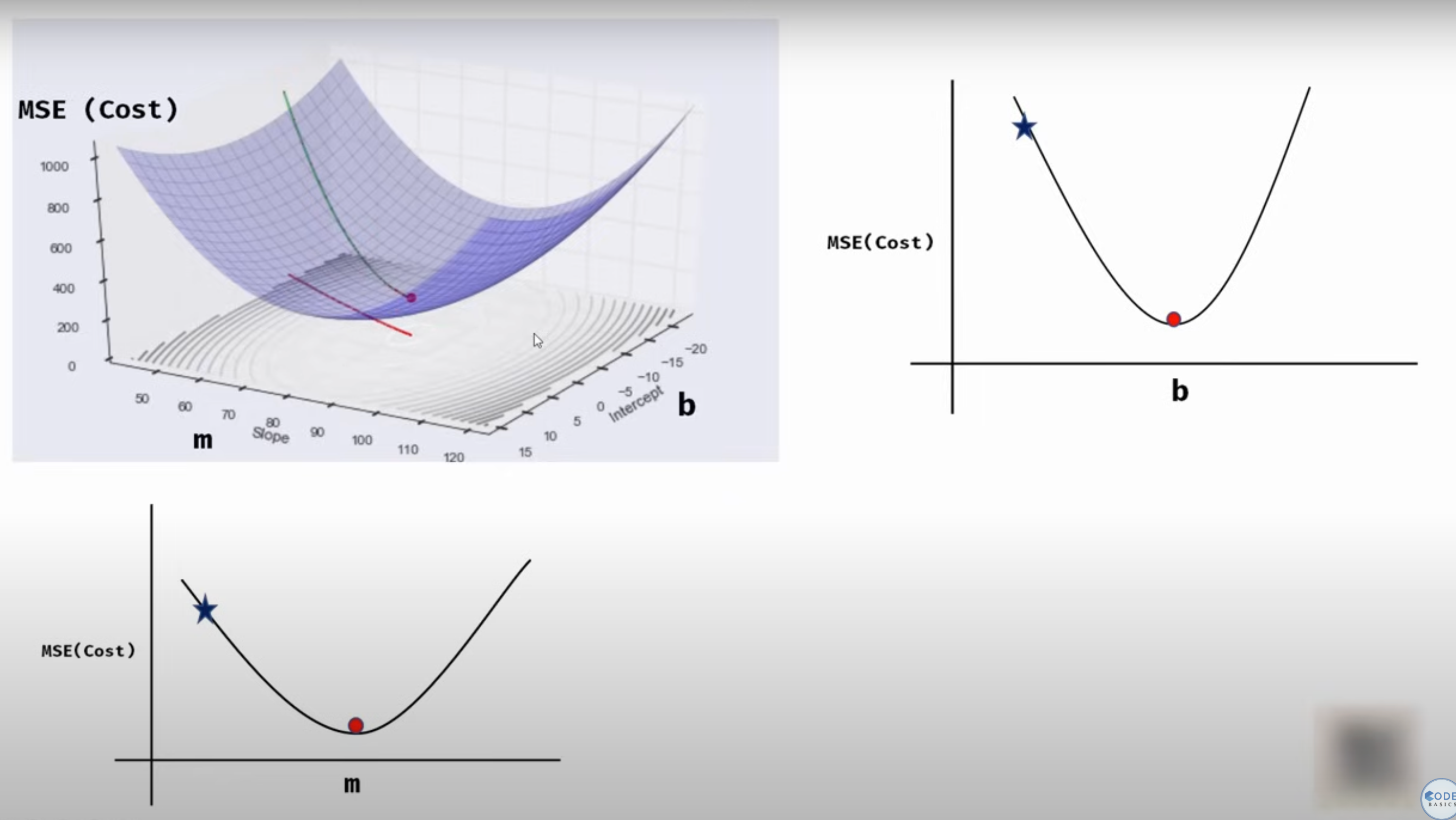
1. Mean Squared Error:  
   A graph of a mathematical equation

   Description automatically generated  
   Delta= value on slope – actual value:  
   A math problem with numbers and symbols

   Description automatically generated with medium confidence  
   this can be written as:  
   A black and white math equation

   Description automatically generated

Our goal is to **minimize mean squared error**, i.e. to have the smallest cost function.

1. Gradient Descent:  
   Helps find the best fit line for the given training dataset. So we can also say that it helps in minimizing mean squared error.  
   

A graph of a line with a star

Description automatically generated  
  
A white background with black text

Description automatically generated  
  
A math equations with numbers and symbols

Description automatically generated with medium confidence