Part1

1. Equation of b

**def funcb(w,b,x,y):**

**value1 = 0**

**for i in range(len(x)):**

**if(y[i]\*(np.dot(w,x[i])+b))>= 1:**

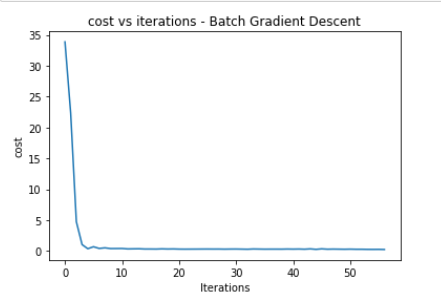
**value1 += 0**

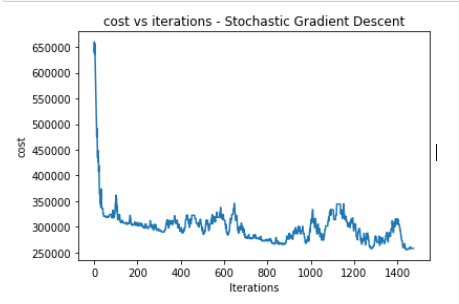
**else:**

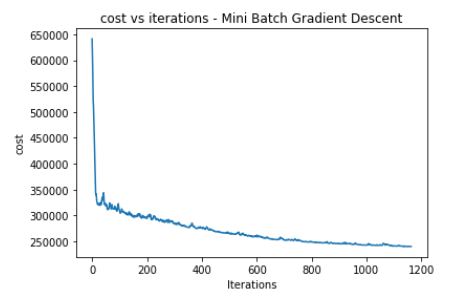
**value1 += -y[i]**

**return c\*value1**

**ii)**

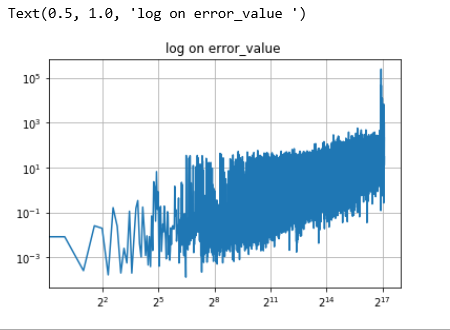
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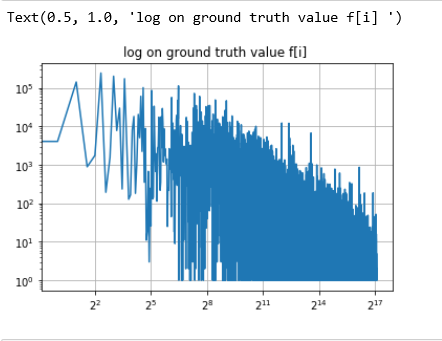
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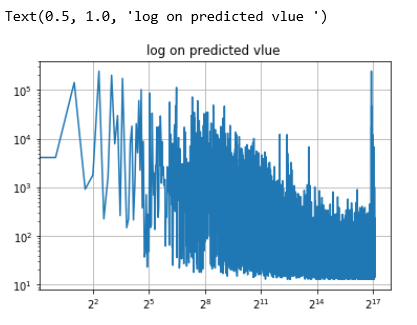
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**iii)Code submitted**

**Part2)**

1. **Code submitted**
2. ****

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