**Simple Auto Encoder**

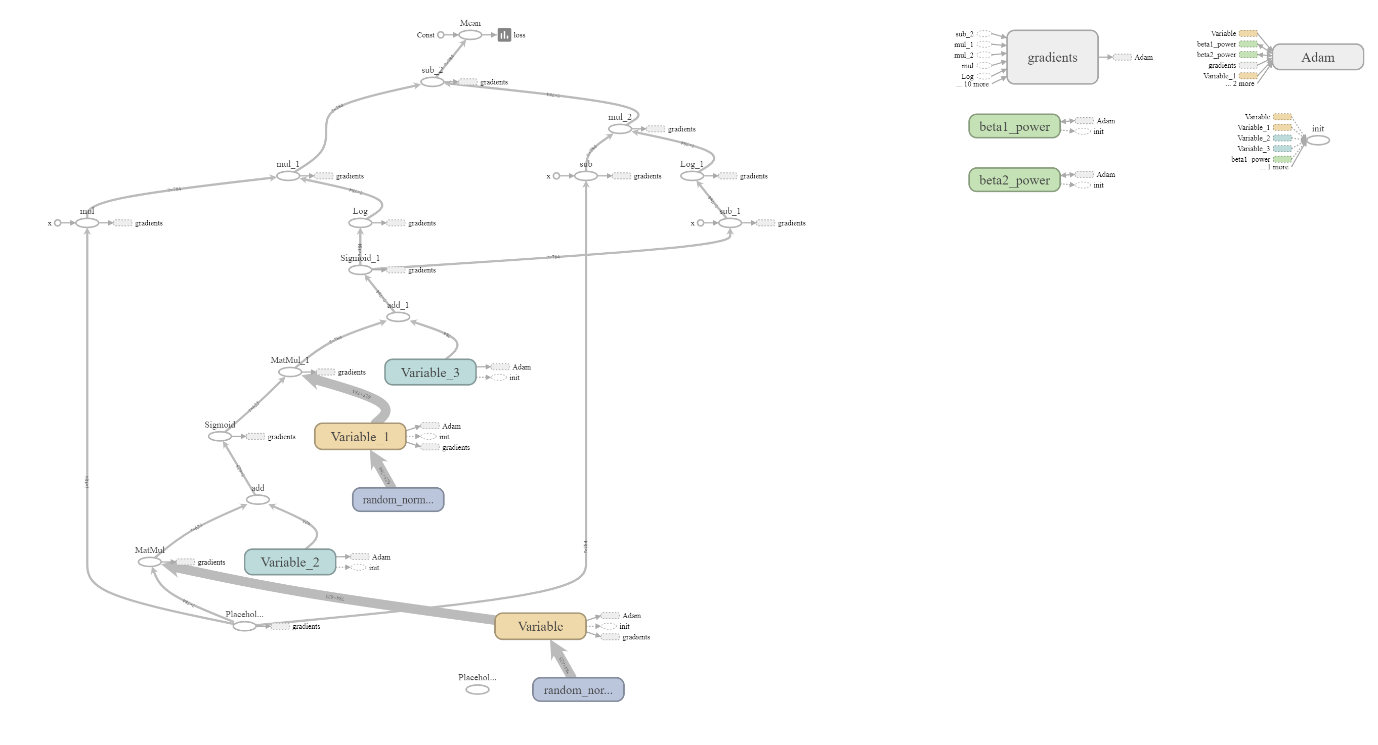
**Case : 1**

Learning rate = 0.001

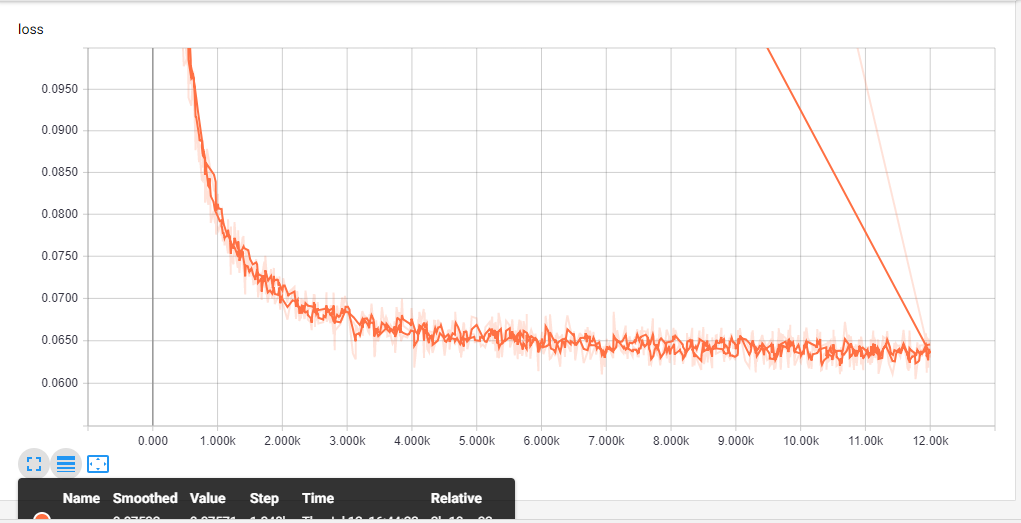
No. of steps = 12001

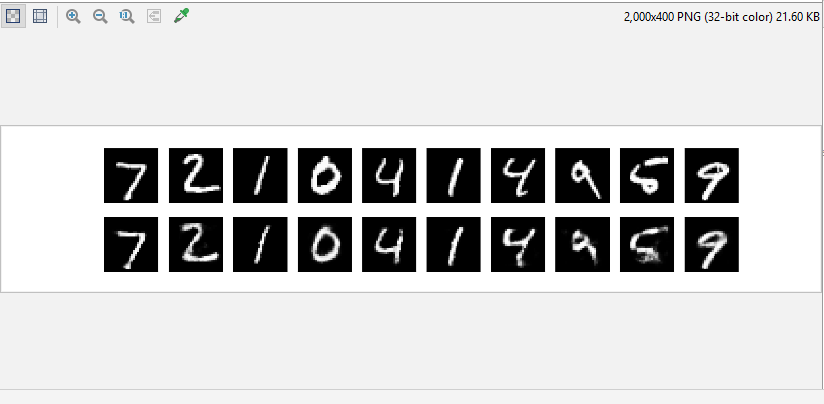
Optimizer = AdamOptimizer

**Graph** plotted in the **tensor board**



**Loss** plotted in the **tensor board** for the above values



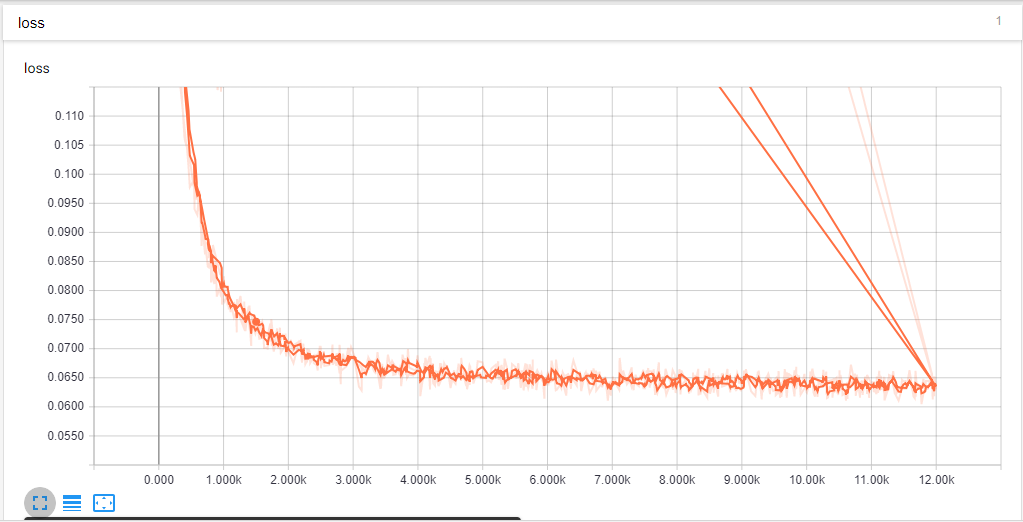


**Case : 2**

Learning rate = 0.1

No. of steps = 1000

Optimizer = RMSPropOptimizer



**Stacked Auto Encoder**

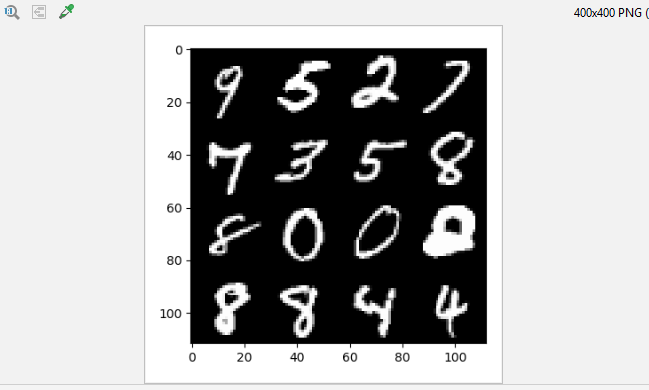
**Case : 1**

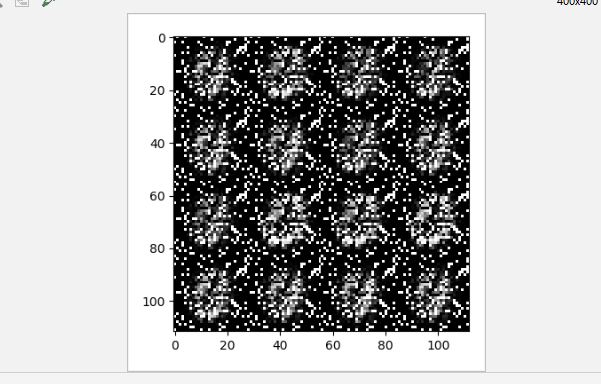
Learning rate = 0.01

No. of steps = 500

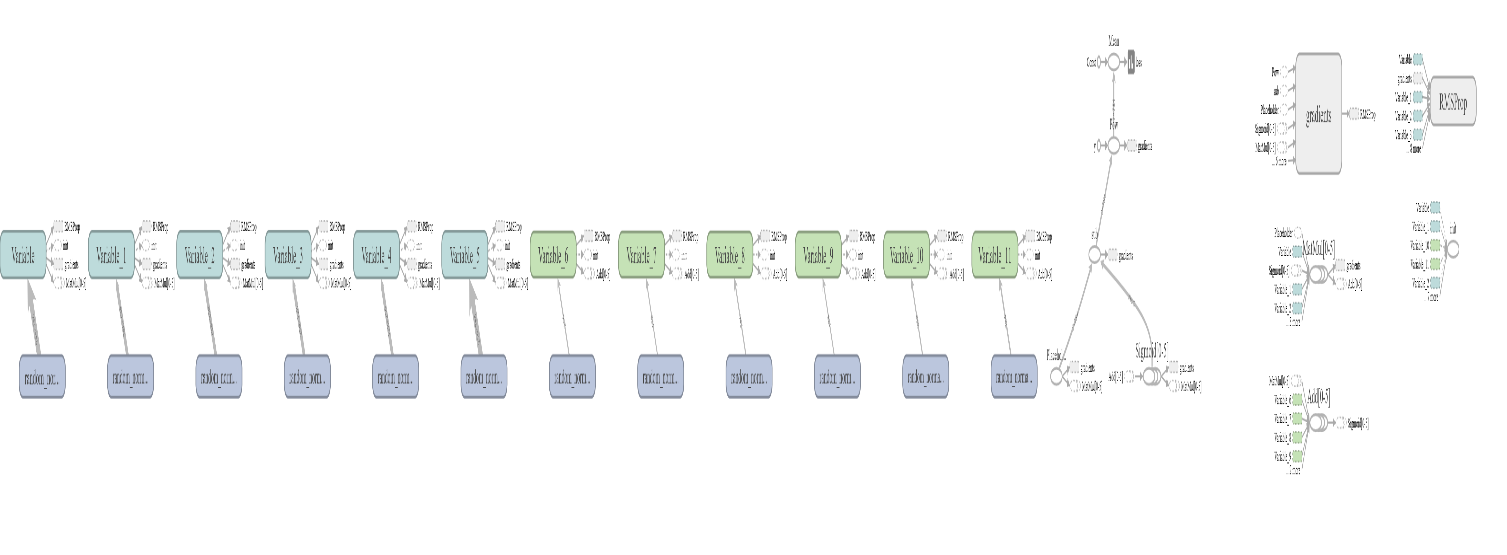
Optimizer = RMSPropOptimizer

**Output**

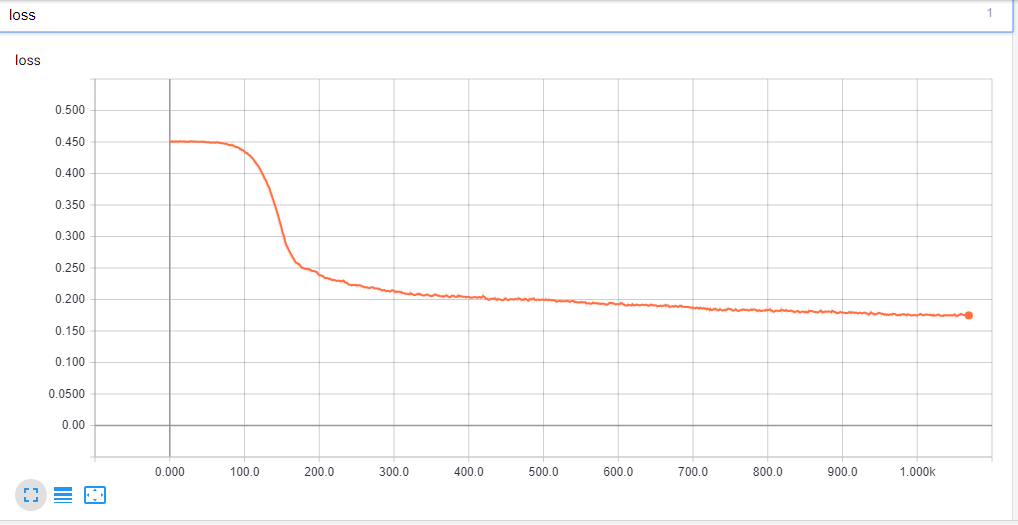




**Graph** plotted in the **tensor board**



**Loss** plotted in the **tensor board** for the above values



**Case : 2**

Learning rate = 0.1

No. of steps = 2000

Optimizer = AdamOptimizer

