## 14.Overfitting or Underfitting?

**How to identify if the model is overfitting or underfitting?**

Underfit model performs bad (low accuracy) on training and bad (low accuracy) on test. It means high bias and low variance.

Overfit model performs good (high accuracy) on training and bad (low accuracy) on test. It means high variance and low bias.

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A good model performs both good (high accuracy) on training and good (high accuracy) on test. It is on the balance of bias and variance.

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Key words: Underfit : high biass and low variance, Overfit : high variance and low bias.