**Linear Regression**

Advantages

1. Simple and easier to interpret.
2. Less complexity

Disadvantages

1. Sensitive to outliers
2. Only captures linear correlation ship between variables.

**Multiple linear Regression**

Advantages

1. It has the ability to determine the relative influence of one or more predictor variables to the criterion value.
2. ability to identify outliers, or anomalies.

Disadvantages

1. It needs high-level mathematics to analyze the data and is required in the statistical program.