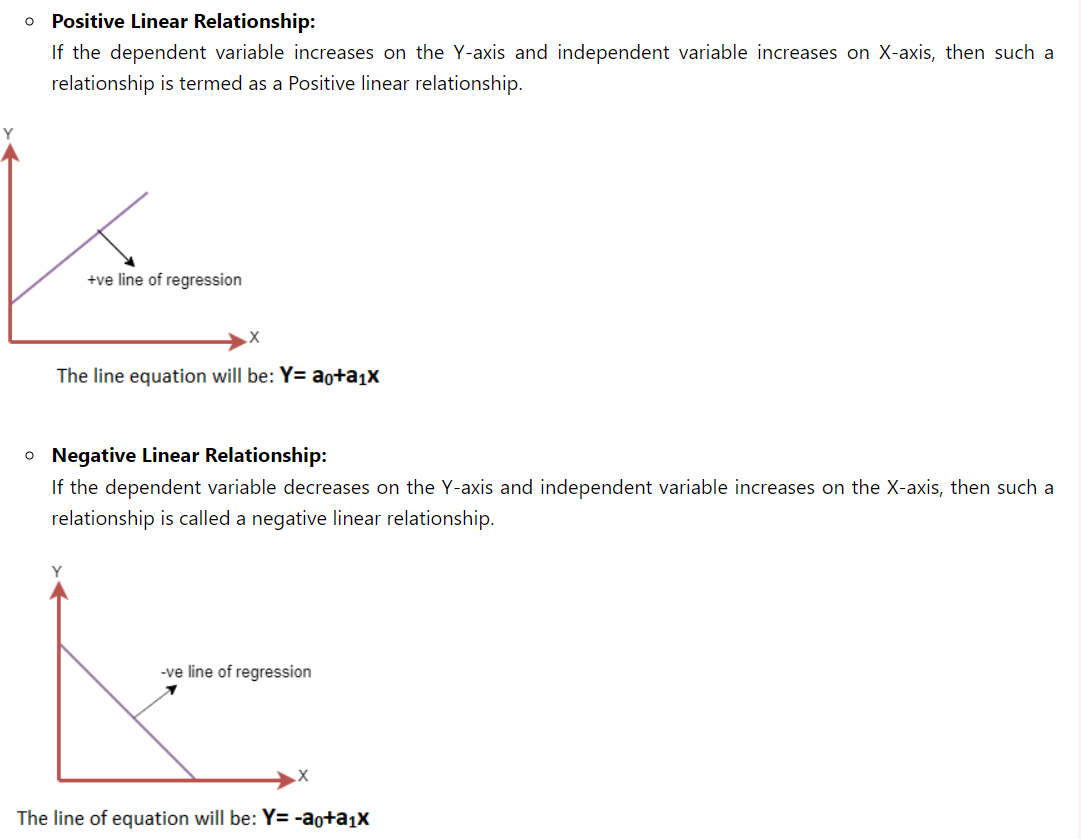
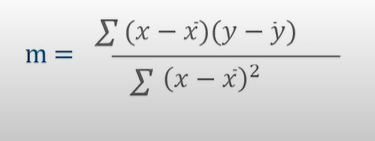


Types of relation possible

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**Calculation of m and c ie slope and constant**

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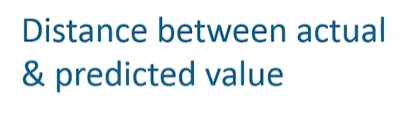
**X bar is mean of x and similarly for y**

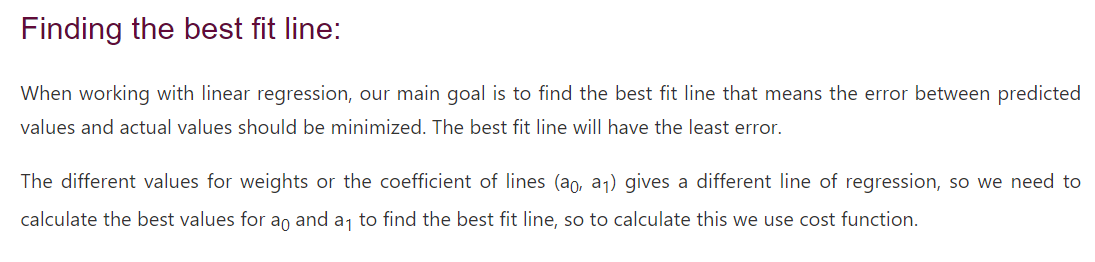
**Substitute value of m in**

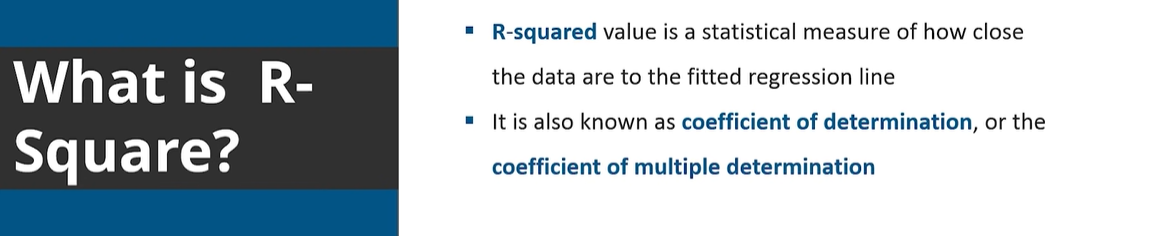
**Mean\_y=mean\_x\*m+c**

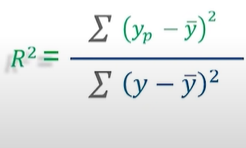
**To get the regression line**

**Use mean square error method**

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**Libraries used in linear regression:-**

**Mathematically**

**🡪np, pd , matplotlib, mathematical logic**

**ML Libraries**

**🡪SKlearnKit**