Hello everyone,  
Let us discuss more deep into these stages of Data Science Life Cycle.

**Data ingestion:** In this stage, we are collecting or gathering the requirement data. Once we have the data, we need to understad and analyse the data. Analysis comes in next stage

**EDA( Exploratory Data Analysis):** We can analyse the data in 3 different ways.

* Create the profile of the data
* Statistical based Analysis
* Graph based Analysis

**Create the profile of data:** Here we will be finding

* Number of rows
* Number of columns
* Number of missing values
* Number of numerical values
* Number of categorical values
* Number of duplicates in each column
* Datatypes
* Usage of RAM etc

**Statistical based Analysis(Interpretation)**: Finding of (Univariate, Bi-variate and multivariate analysis)

* Variance
* Co variance
* Correlation
* Z-test
* t-test
* Chi-square-test
* Annova test
* Mean/Median/Mode

**Graph based Analysis:** Analysing the data using graphs

* Box Plot
* Scatter Plot
* Pie chart
* Histogram
* KDE(Kernel Density Estimator) plot
* Heat Map
* Count bar R,C