Exploratory Data Analysis

- Research Domain Knowledge Data

- Understanding Every Feature in Data

- Check Data Properties

- Check Missing Value

- Visualization Data

- ETC

EDA: Research Domain Knowledge

Titanic Kapal Super Britania Raya yang Tenggelam karena menabrak sebuah gunung es di Samudra Atlantik Utara Pada 15 April 1912 dan Mengakibatkan Kematian 1.514 Penumpang

HAL◎ TECH.IN

EDA : Understanding Every Feature in Data

	PassengerId	Survived	Pclass	Name	Sex	Age	SibSp	Parch	Ticket	Fare	Cabin	Embarked
0	1	0	3	Braund, Mr. Owen Harris	male	22.0	1	0	A/5 21171	7.2500	NaN	S
1	2	1	1	Cumings, Mrs. John Bradley (Florence Briggs Th...	female	38.0	1	0	PC 17599	71.2833	C85	C
2	3	1	3	Heikkinen, Miss. Laina	female	26.0	0	0	STON/O2. 3101282	7.9250	NaN	S
3	4	1	1	Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0	113803	53.1000	C123	S
4	5	0	3	Allen, Mr. William Henry	male	35.0	0	0	373450	8.0500	NaN	S

EDA : Understanding Every Feature in Data

- **PassengerId** = Id Penumpang

- **Survived =**

     0 = No (Meninggal),

     1 = Yes (Hidup)

 - **pclass**: Ticket class 1 = 1st, 2 = 2nd, 3 = 3rd

 - **Name** = Nama dari setiap penumpang

 - **Sex** = Jenis Kelamin Penumpang

 - **Age** = Umur dari penumpang
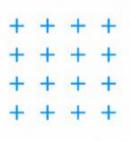
- **Fare** = Tarif

HAL◎ TECH.IN

EDA : Understanding Every Feature in Data

- **Sibsp** of siblings / spouses = Jumlah saudara atau Pasangan

- **Parch**: of parents / children= Jumlah Orang tua atau anak

- **Ticket**: Ticket number

- C**abin**: Cabin number = Nomor Kamar di kapal

- **Embarked**:Port of Embarkation / Pelabuhan Pemberangkatan

    C = Cherbourg,

    Q = Queenstown,

    S = Southampton