

Feature Construction : There is no rule and hardcoded algorithm for this. Here we try to construct new features from the given features in data by using domain knowledge.

### Titanic Dataset

SibSp | Parent

→ family Type

0	—	alone
1	—	Small
2	—	Large

Feature Splitting : If one column contain more than one information then we can split them into different numbers of columns.

for example:

Person  
Ram Delhi 24  
Shyam Agra 18  
.....

Feature Splitting

Name	Age	City
Ram	24	Delhi
Shyam	18	Agra