

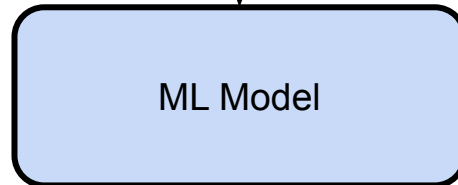
Vector Assembler

VectorAssembler combines a given list of columns into a single vector column.

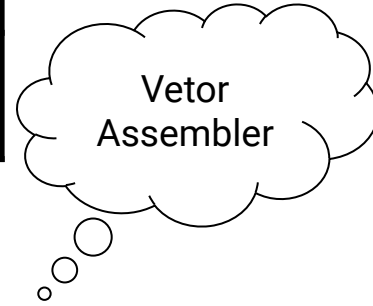
id	has_mobile	lat_long	duration	return
44	1	[28.7, 77.1]	7.5	1

 Analytics
Vidhya

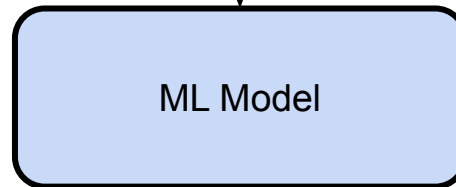
X

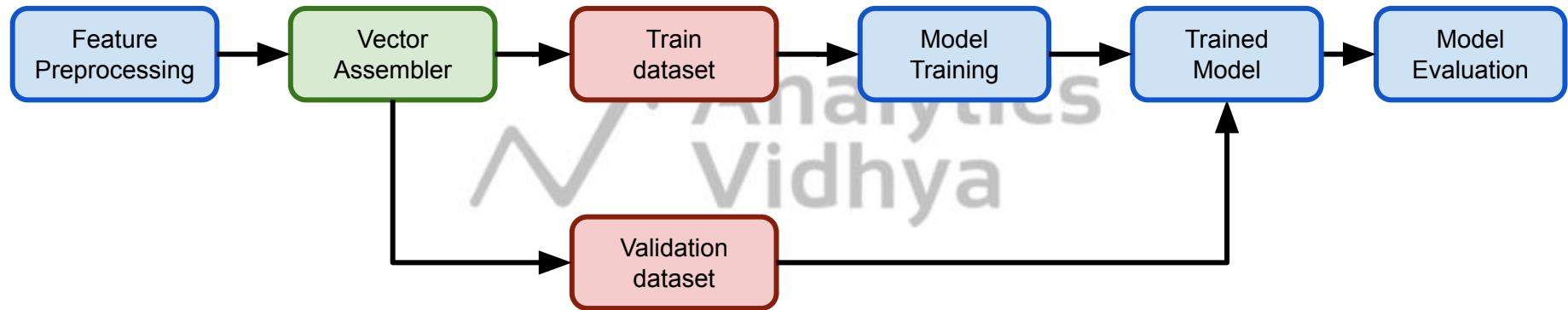


id	has_mobile	lat_long	duration	return
44	1	[28.7, 77.1]	7.5	1



id	has_mobile	lat_long	duration	return	vector_features
44	1	[28.7, 77.1]	7.5	1	[1, 28.7, 77.1, 7.5]





Vector Assembler

Combines the given feature columns into a single vector column.

Accepts all numeric types, boolean type, and vector type columns.

Vector column once generated can be input to the ML model.

VectorAssembler class

Columns to
combine

```
from pyspark.ml.feature import VectorAssembler
```

```
assembler = VectorAssembler(inputCols=["has_mobile", "lat_long", "duration"],  
                             outputCol="vector_features")
```

```
df_transformed = assembler.transform(df)
```

Transforming data
and creating vector
feature

Name of output
vector column



Thank You!!