

# 732A99 chetabook

*Anubhav Dikshit(anudi287)*

*26 November 2018*

## Contents

Simple Tasks	1
Splitting the Datasets . . . . .	1

## Simple Tasks

### Splitting the Datasets

#### Divide into train/test

```
# 50-50 split
data <- mtcars
n=nrow(data)
set.seed(12345)
id=sample(1:n, floor(n*0.5))
train=data[id,]
test=data[-id,]
```

#### train/test/validation

```
# 50-25-25 split
data <- mtcars
n=nrow(data)
set.seed(12345)
id=sample(1:n, floor(n*0.5))
train=data[id,]

id1=setdiff(1:n, id)
set.seed(12345)
id2=sample(id1, floor(n*0.25))
valid=data[id2,]

id3=setdiff(id1,id2)
test=data[id3,]
```