Smartphone Recommendation System

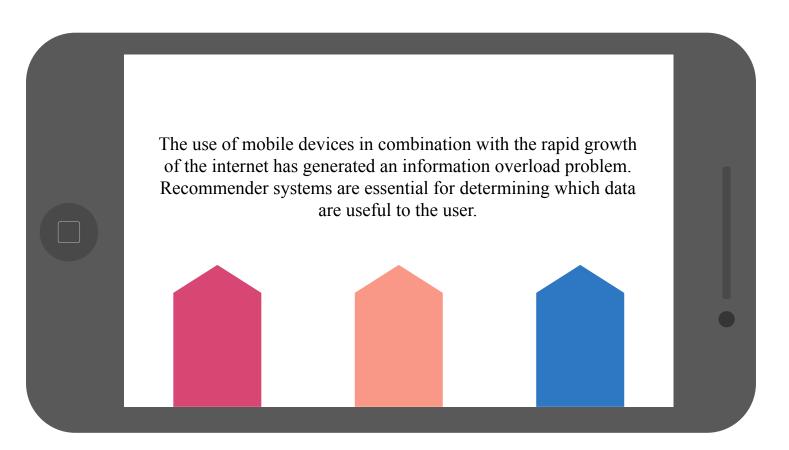
Maram Alshehri



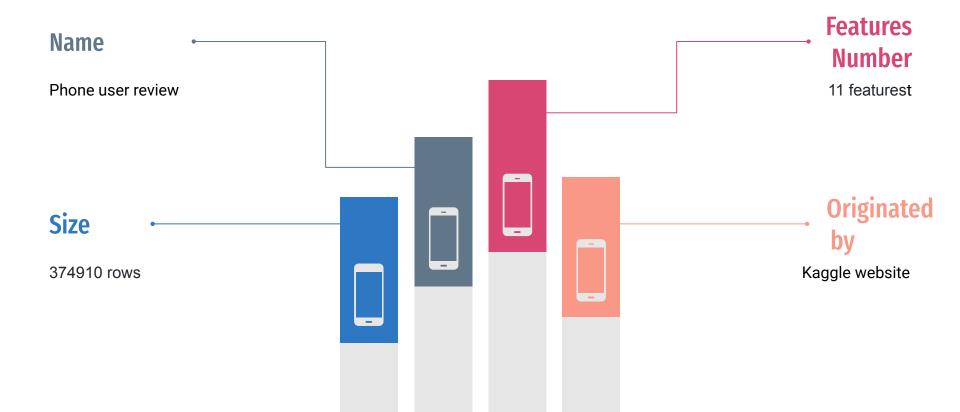
Smartphone Recommendation System



Introduction



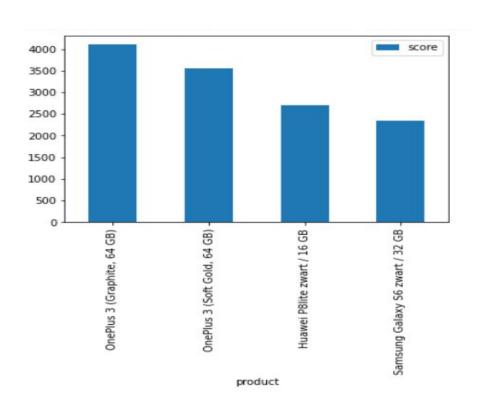
Data



Example of The Data

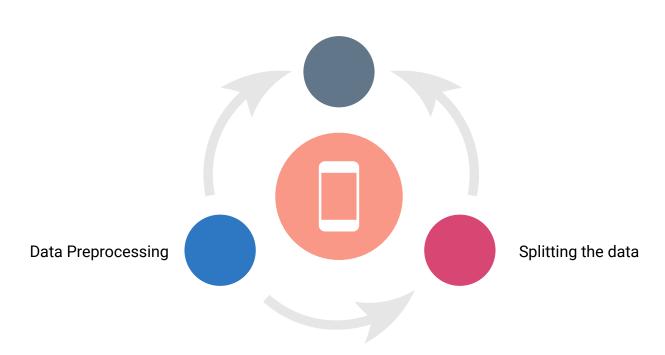
/cellphones/samsung- galaxy-s8	/cellphones/samsung- galaxy-s8/	/cellphones/samsung- galaxy-s8/	/cellphones/samsung- galaxy-s8/	/cellphones/samsung- galaxy-s8/	phone_url
5/11/2017	5/2/2017	5/4/2017	4/28/2017	5/2/2017	date
er	en	en	en	en	lang
us	us	us	us	us	country
Verizon Wireless	Samsung	Amazon	Phone Arena	Verizon Wireless	source
verizonwireless.com	samsung.com	amazon.com	phonearena.com	verizonwireless.com	domain
2	9.2	6	10	10	score
10	10	10	10	10	score_max
I've now found that i'n in a group of people t	Never disappointed. One of the reasons I've be	Adequate feel. Nice heft. Processor's still sl	Love the phone. the phone is sleek and smooth	As a diehard Samsung fan who has had every Sam	extract
S Ate Mine	Buster2020	R. Craig	james0923	CarolAnn35	author
Samsung Galaxy S8	Samsung Galaxy S8 64GB (AT&T)	Samsung Galaxy S8 (64GB) G950U 5.8"	Samsung Galaxy S8	Samsung Galaxy S8	product

Example of The Data

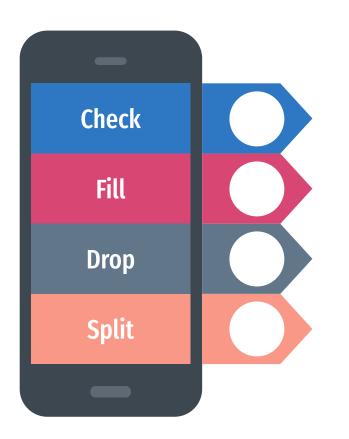


Model

Build the model



Data Preprocessing



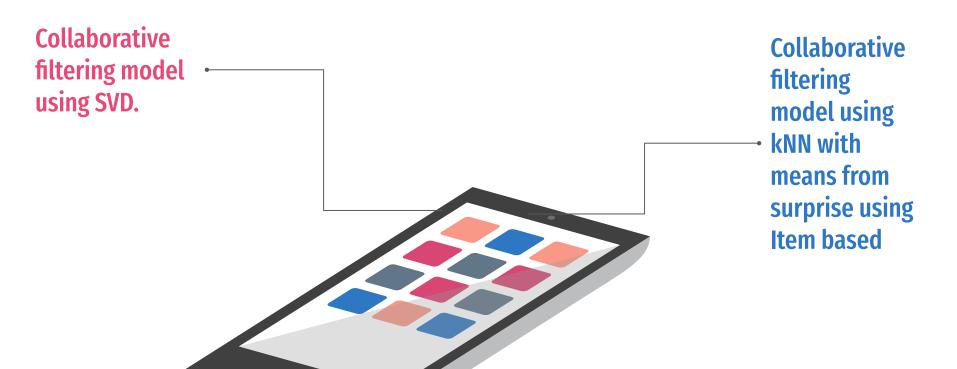
Check missing values

Fill in null values in the "score" and "score_max" column

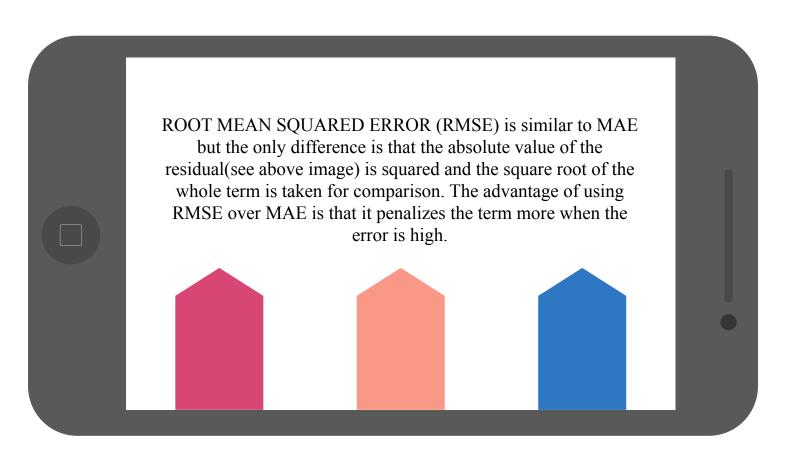
Drop irrelevant features

Split The data into training and testing

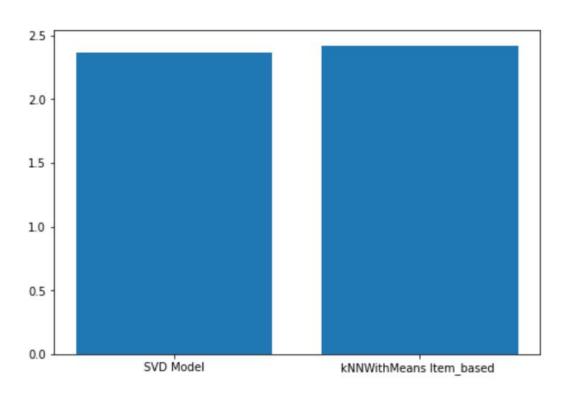
Model used



Model Evaluation



Results



Thanks Any Questions!

Maram Alshehri

