

Wireframe

Book Recommender System

Version 1.0

Date of Revision 15 April 2022

1. Homepage

Book Recommender System

Select Your Favourite Book

tech

data_science

Statistical Learning Theory

Recommend!

Recommended Books

Title	Genre	Sub Genre	Author	Publisher
Nature of Statistical Learning Theory, The	tech	data_science	Vapnik, Vladimir	Springer
Machine Learning for Hackers	tech	data_science	Conway, Drew	O'Reilly
Statistical Decision Theory'	tech	data_science	Pratt, John	MIT Press
Pattern Classification	tech	data_science	Duda, Hart	
Neural Networks	tech	data_science	Havkin, Simon	

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From the Homepage user can select their interest in books and the system will recommend the books, and display the recommended books.

2. Admin Page

Book Recommender System

[Home](#)[Train Model](#)

Modify Book Database (Choose csv file, Will use in training)

[Choose File](#) No file chosen[Submit](#)Sample Structure Of CSV

In [3]:

df

Out[3]:

	Title	Author	Genre	SubGenre	Height	Publisher
0	Fundamentals of Wavelets	Goswami, Jaideva	tech	signal_processing	228	Wiley
1	Data Smart	Foreman, John	tech	data_science	235	Wiley
2	God Created the Integers	Hawking, Stephen	tech	mathematics	197	Penguin
3	Superfreakonomics	Dubner, Stephen	science	economics	179	HarperCollins
4	Orientalism	Said, Edward	nonfiction	history	197	Penguin
...
206	Structure and Randomness	Tao, Terence	science	mathematics	252	NaN

From the admin page, users can upload csv data and, database will be updated accordingly. Sample of data format is given.

By clicking the training button the machine will train and build models, and the recommender system will be ready for use.