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| RAJ KANSAL | |  | **Pune, Maharashtra** |  | [LinkedIn Profile](http://www.linkedin.com/in/raj-kansal-0319) |
|  | **rajkansal2001@gmail.com** |  | [Github Profile](https://github.com/RajK19) |
|  | [YouTube Channel](https://www.youtube.com/channel/UC-MM_IPy1S26SQSpFowcHEA) |
| **9309741329** | |

**SUMMARY**

A computer science student with dedication and determination towards work

achievement, perfection and teamwork. Enthusiast in Data Science, Artificial

Intelligence and Machine Learning. Always ready to learn and explore new

technologies.

**INTERNSHIP**

**Machine Learning (NLP) | Movie Recommender System**

**[(Github Link)](https://github.com/RajK19/Movie-Recommender-System--Natural-Language-Processing)[(YouTube Link)](https://www.youtube.com/watch?v=kTAVrK4_h80)**

**[YBI Foun](https://github.com/RajK19/Movie-Recommender-System--Natural-Language-Processing)d[ation | Jan](https://www.youtube.com/watch?v=kTAVrK4_h80) 2022 - March 2022**

 Made a smart movie recommender system with a GUI, that recommends

similar movies based on the input provided by the user.

 Used Kaggle [dataset - tmdb](https://www.kaggle.com/datasets/tmdb/tmdb-movie-metadata).

 Used libraries like sci-kit learn, pandas, numpy, matplotlib, NLTK.

 Used various methods like data preprocessing, text vectorization,

BagofWords, cosine similarity.

 Used Streamlit and Flask for GUI.

**PROJECTS**

**[Data Ana](https://github.com/RajK19/Data-Analysis-Project---Vehicle-Collision)[lysis | Anal](https://www.youtube.com/watch?v=mUPApTyp4-M)yzing Vehicle Collisions in New York City**

**[(Github Link)](https://github.com/RajK19/Data-Analysis-Project---Vehicle-Collision) [(YouTube Link)](https://www.youtube.com/watch?v=mUPApTyp4-M)**

**April *2022***

 Used [NYC OpenData's dataset](https://data.cityofnewyork.us/Public-Safety/Motor-Vehicle-Collisions-Crashes/h9gi-nx95)

 Location of the accident taking place; displayed on 3D Maps

 Detailed Table showing -

-Number of people affected/injured in a vehicle collision.

-Number of collisions happening at a particular hour.

-Minute by minute breakdown of accidents happening in a particular area.

-Affected street names and categories of traveller affected.

 Technologies used - pandas, numpy, pydeck, plotly

 Used Streamlit for GUI

**SKILLS**

Python , C   
Selenium   
Data Science   
Machine Learning   
Natural Language Processing Data Structures and Algorithms Design Thinking   
Internet of Things (IOT)

**EDUCATION**

**D Y Patil International University, Akurdi, Pune**

Present | 2022   
***B.Tech -***  *Computer Science And Engineering (July 2019- June 2023)*

***GPA:*** *8.0/10 (as per 5th semester)*

**Global Indian International School, Chinchwad, Pune**

2019   
**HSC (12th) :** PCM   
**Percentage :** 81%

**Global Indian International School, Chinchwad, Pune**

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| **Data Science | Cricket Winning Team Probability Predictor [(Github Link)](https://github.com/RajK19/IOT-Based-Smart-Dustbin-with-email-notifications/tree/main)[(YouTube Link)](https://www.youtube.com/watch?v=Ckp1X7AQJqk)**  **[May 202](https://github.com/RajK19/IOT-Based-Smart-Dustbin-with-email-notifications/tree/main)2** | | | | | | | 2017  S**SC (10th) :** PCM  **Percentage :** 87%  **ACCOMPLISHMENTS**  Completed 30 days of Google Cloud Challenge [(](https://www.cloudskillsboost.google/public_profiles/f5c52fa4-2a30-473b-8005-b15fdf7575a5)Profile Link[)](https://www.cloudskillsboost.google/public_profiles/f5c52fa4-2a30-473b-8005-b15fdf7575a5)  Made an IOT based smart dustbin for [college's Tec](https://www.youtube.com/watch?v=mK-AR3ST3VM)hCombat hackathon.  [(Project Link)](https://www.youtube.com/watch?v=mK-AR3ST3VM)  Got selected as a shortlisted team for Smart India Hackathon, for the final idea submission- Team ;*The Rockers* [(Selection Mail)](https://drive.google.com/file/d/1Ga6DEzP4T94N9PyyqKJucLv5OBo2jg1A/view?usp=sharing)  Attended Python [(Certific](https://drive.google.com/file/d/1wZD7sgUW5ZFgFVx5ibF7jwAEWhIWCgkL/view)[ate Link](https://drive.google.com/file/d/1BcNVPs0lE8zyS2RYIX2M1oj4Z7C7MJOG/view)[)](https://drive.google.com/file/d/1wZD7sgUW5ZFgFVx5ibF7jwAEWhIWCgkL/view) [and](https://drive.google.com/file/d/1BcNVPs0lE8zyS2RYIX2M1oj4Z7C7MJOG/view)  Cybersecurity wo[rkshops](https://drive.google.com/file/d/1wZD7sgUW5ZFgFVx5ibF7jwAEWhIWCgkL/view) [(Certificate Link)](https://drive.google.com/file/d/1BcNVPs0lE8zyS2RYIX2M1oj4Z7C7MJOG/view) by IIT Bombay  [Complete Micros](https://drive.google.com/file/d/1qkMxp5k44_y7hv5AikPLDksNyMx_wNFg/view)oft AI Classroom Series [(](https://drive.google.com/file/d/1qkMxp5k44_y7hv5AikPLDksNyMx_wNFg/view)Certificate Link[)](https://drive.google.com/file/d/1qkMxp5k44_y7hv5AikPLDksNyMx_wNFg/view) |
|  | Predicting the winning probability of an IPL Cricket team in a particular | | | | | |
| match scenario. | | | | | | |
|  | Based on Classification Problem - Logistic Regression | | | | | |
|  | Used libraries like sci-kit learn, train\_test\_split, onehot encoder, | | | | | |
| pipeline,pandas, numpy, matplotlib. | | | | | | |
|  | Used Kaggle dataset - [IPL Dataset](https://www.kaggle.com/datasets/ramjidoolla/ipl-data-set) | | | | | |
|  | Used Streamlit and Flask for GUI. | | | | | |
| **TRAININGS & CERTIFICATIONS** | |  | | | | *Certificate Links \*\** |
|  | **Programming With Python - Internshala Trainings** | | |  | | |
|  | **Data Science Using Python - EICT Academy IIT Roorkee** | | | |  | |
|  | **Data Structures and Algorithms - NPTEL** |  | | | | |
|  | **Design Thinking And Lean Startup - Coursera** | |  | | | |
|  | **Computational Thinking with Beginning C Programming - Coursera** | | | | | |