



# ASUTOSH RATH

Data Analyst

## My Contact

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✉ asutoshrath2000@gmail.com  
☎ +917894330778  
📍 Singasandra, Bengaluru, 560068  
🐙 github.com/Asutosh-R/  
🌐 linkedin.com/in/asutosh0213/

## Hard Skill

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Python  
Data mining and analysis  
Machine Learning  
SQL  
Tableau and Power BI  
Data structure and Algorithm  
Web Scrapping  
NLP

## Soft Skill

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Problem Solving  
Decision making  
Communication  
Multi-tasking

## Interests

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Artificial Intelligence  
Robotics  
Deep Learning  
Neural Network

## About Me

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Motivated data analyst with a strong drive for learning and growth. Over the past two years, I have actively pursued knowledge and practical skills to establish myself in the field. I am responsible, goal-oriented, and adaptable, seeking opportunities in dynamic work environments that foster personal and organizational development. Proficient in extracting valuable insights from data using automated tools.

## Projects

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### Books Recommendation System

Key Points:

- Conducted data cleaning and feature engineering to prepare the dataset for analysis.
- Explored the data through univariate analysis, identifying top authors and publishers.
- Utilized collaborative filtering techniques, including memory-based approach (Cosine Similarity) and model-based approach (SVD).
- Obtained top book recommendations based on ratings and implemented personalized recommendations for users.

### House Price Prediction

Key Points:

- Gathered and cleaned a large dataset of house listings, ensuring data quality and consistency.
- Conducted comprehensive exploratory data analysis to identify significant predictors of house prices.
- Developed machine learning models (Random Forest) to accurately predict Housing prices.

## Education Background

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- **A.M.C.S. COLLEGE**  
*Bachelor of Science, Major in Physics*  
2021
- **A.M.C.S. COLLEGE**  
*Higher Secondary Education*  
2018

## Predict Sales of a Product

Key Points:

- Gathered and cleaned historical sales data, ensuring data quality and consistency
- Applied advanced time series techniques, such as ARIMA, SARIMA, or Prophet, to develop accurate sales forecasting models.
- Incorporated relevant time-based features and conducted thorough data preprocessing and exploratory data analysis.

## Certificates

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Machine Learning Specialization - Coursera

Data Analysis- Upgrad