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Introduction to Data Preprocessing

- Explored the fundamental concepts of data preprocessing as a crucial step in the data science workflow.
- Grasped the significance of preparing raw data for effective machine learning model training.

Handling Missing Values

- Delved into strategies for identifying and addressing missing values within datasets.
- Gained hands-on experience in implementing techniques to handle gaps in data effectively.

Null Value Imputation

- Focused on the art of filling null values in datasets.
- Utilized various methods to impute missing data points, ensuring data completeness.

Data Formatting and Binning

- Learned the importance of data organization and categorization.
- Practiced formatting techniques and binning to enhance data structure for better model interpretability.

Data Normalization and Scaling

- Explored techniques to standardize data, ensuring uniformity and comparability.
- Gained insights into the significance of normalization and scaling in improving model performance.

Conclusion

The journey into data preprocessing has been enlightening, providing a solid foundation for future endeavors in machine learning.

Each concept, from handling missing values to normalization, has equipped me with essential skills for real-world data challenges.

GitHub Repository Link: [Data Preprocessing on Students Medical Records](#)