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**Date: 22th December 2023**

**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](https://github.com/M-Amman-C/Medical-Students-Data-Preprocessing)