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Introduction

- Completed the eleventh day of the internship as a Data Science and Machine Learning intern at Batwebs.com.
- Focused on applying data pre-processing techniques to enhance the quality of an uncleaned smartphone dataset.

Project Overview

- Tasked with cleaning a smartphone dataset to address data quality issues.
- Identified and resolved missing values, inconsistencies, and outliers to ensure dataset integrity.

Methodology

- Implemented data cleaning techniques to handle missing values, outliers, and inconsistencies.
- Applied data transformation methods such as normalization and encoding.

Insights Gained

- Significant improvement in data quality through the cleaning process.
- Understanding data distribution, essential for selecting appropriate machine learning algorithms.

Conclusion

Day 11 marked a pivotal point, emphasizing the importance of meticulous data pre-processing.

The cleaned dataset and gained insights set the stage for subsequent analysis tasks.

GitHub Repository Link: [Smartphone Dataset Cleaning](#)