

Data Collection and Preprocessing Phase

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| Date | 15 July 2024 |
| Team ID | 740685 |
| Project Title | SDSS galaxy classification using Machine Learning |
| Maximum Marks | 2 Marks |

Data Collection Plan & Raw Data Sources Identification Template

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

Data Collection Plan Template

| Section | Description |
|-----------------------------|---|
| Project Overview | The SDSS galaxy classification project applies machine learning to analyze spectral data, identifying galaxy types like spirals or ellipticals, advancing understanding of cosmic evolution and structure. |
| Data Collection Plan | Kaggle |
| Raw Data Sources Identified | <p>Raw data sources for SDSS galaxy classification using machine learning include SDSS spectral observations, feature extractions like flux measurements, and metadata such as redshift and positional information for comprehensive astronomical analysis.</p> <p>The raw data sources for this project include datasets obtained from Kaggle, the popular platforms for data science competitions and repositories. The provided sample data represents a subset of the</p> |

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| | collected informatio |
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Raw Data Sources Template

| Sou rce Na me | Descri ption | Location/URL | For mat | Size | Access Permi ssions |
|----------------------------|--|--|----------------|-----------------|-----------------------------------|
| Dat aset 1 | The dataset consist s single CSV file. This dataset is mainly Conce rning Indian climati c conditi ons. | "C:\Users\ABHINAY THEDLAA\OneDrive\Desktop\miniproject\miniproject\ Flask\sdss_100k_galaxy_form_burst.csv" | CS V | 1884 7KB | Public |

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| | There are seven input feature s only one output feature s. | | | | |
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