

Weekly Progress Report

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Domain: Data Science

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Week Ending: 02

I. Overview:

This report builds upon the foundational concepts learned in Week 1 and details my progress in the second week of the internship.

II. Achievements:

1. Completed a thorough review of the chosen project, gaining a deeper understanding of its objectives, data characteristics, and potential challenges.
2. Initiated data exploration tasks, including examining data formats, identifying missing values, and visualizing key data distributions.
3. Began cleaning and pre-processing the data using techniques learned while exploring online resources.
4. Dived into the provided data science book, focusing on chapters relevant to data manipulation, analysis, and potentially, machine learning algorithms related to the project.
5. Identified and applied relevant learning resources from online platforms like Kaggle and tutorials to further my understanding of project-specific concepts.

III. Challenges:

1. Data exploration revealed complexities or inconsistencies in the data that require further investigation and cleaning.
2. Balancing the book's theoretical concepts with practical project application presented an ongoing challenge.

IV. Learning Resources:

1. The provided data science book served as a valuable resource for in-depth learning of data manipulation, analysis, and machine learning algorithms.

2. Continued exploration of online resources like Kaggle and tutorials on platforms like Coursera proved valuable for project-specific topics.

V. Next Week's Goals:

1. Continue data cleaning and pre-processing tasks to prepare the data for analysis.
2. Based on the project requirements, delve deeper into relevant machine learning algorithms (mention specific algorithms if applicable) through the provided book and online resources.
3. Begin initial exploratory analysis techniques (e.g., statistical analysis, data visualization) to gain insights from the data.
4. Prepare for potential discussions with mentors regarding project progress and initial findings from the data exploration.

VI. Additional Comments:

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