## Weeks 1-3: Exploration

- **Objective**: Explore the proposed learning resources to familiarize yourself with Spark.
- **Activities**:
  - Watch the LinkedIn Learning course: DevOps for Data Scientists to understand the integration of data science and DevOps.
  - Begin the O'Reilly video series: Mastering Big Data Analytics with PySpark to get a foundational understanding of PySpark.
- **Submission**: Provide a review of the Spark learning materials you plan to use by the end of week three.

## Weeks 4-5: Learning Plan Development

- **Objective**: Dedicate 3-6 hours per week to dive deeper into PySpark.
- **Activities**:
  - Complete the LinkedIn Learning course: Apache PySpark by Example to gain practical experience with PySpark.
  - Watch the YouTube tutorial: Docker For Beginners: From Docker Desktop to Deployment to understand containerization, which is crucial for deploying data science applications.
- **Submission**: Map the concepts you want to learn with the resources you will use.
- **Submission**: Propose a PySpark devotional to share with the class, either individually or as a group.

## Weeks 6-13: Plan Execution

- **Objective**: Implement your learning plan, focusing on both broadening and deepening your understanding of Spark.
- **Activities**:
  - Study the book: Spark: The Definitive Guide from O'Reilly Media to cover advanced topics in Spark.
  - Engage with the Databricks community through their eBook: The Big Book of Machine Learning Use Cases to see real-world applications of Spark in machine learning.
- **Submission**: Submit a finalized weekly learning plan detailing the hours and topics you will cover each week.