

# LEARNING PROCESS REPORT

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ABSTRACT. This week,I studied git,Data Science

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*1991 Mathematics Subject Classification.* Artificial Intelligence.

*Key words and phrases.* git,Data Science.

CONTENTS

1. git	3
2. Data Science	3
List of Todos	4

## 1. GIT

I learned git this week, including how to create a new library, how to pull a project from the server, and how to push a modified project to the server

**Attention:**

- (1) Put only those files under version control that are directly modified by the user
- (2) Verify that your code can be compiled flawlessly before committing your modifications to the repository.
- (3) Use compare tools to critically review your modifications before committing them to the repository.
- (4) Add a meaningful and descriptive comment when committing your modifications to the repository.
- (5) Do not add big files into the repository unless it is really necessary.

## 2. DATA SCIENCE

- (1) Data Manipulation:
  - Data Acquisition  
Extraction, Transformation, Loading
  - Data Storage
  - Data Cleaning
- (2) Data Characteristic Hierarchy  
Data Element, Data Record, Datasets, Multiple Datasets
- (3) Data Analytics
  - Finding Dependency
  - Exploratory Data Analysis
  - Confirmatory Data Analysis
  - Advanced ML Models
  - Linear Regression, kNN, Kmeans....**



LIST OF TODOS

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