

Machine Learning hands on using Python

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SME : Parag Jain
Week 3

Overview

- Well-Posed Learning Problems
- Designing a Learning System
- Perspectives and Issues in Machine Learning



Task 1: Well-Posed Learning Problems

Accomplish the following:

- How do you know if a program is machine learning program or not?
- Characteristics of a well posed Machine Learning Problem

Resources:

- Read **Unit 1** of **Machine Learning** by **Tom Mitchell**

Answer questions in Week3Task.png

Task 2: Designing a Learning System

Address the following :

Resources:

How to choose the :

- Target experience?
 - Target function?
 - Representation for the Target Function?
 - Function Approximation Algorithm?
- Read **Unit 1** of **Machine Learning** by **Tom Mitchell**

Read and prepare a brief report answering all the above questions

Task 3: Perspectives and Issues in Machine Learning

Resources:

Get acquainted with various issues faced in Machine Learning

- Read **Unit 1** of **Machine Learning** by **Tom Mitchell**

Feel free to explore the internet for the given tasks.

Any doubts?

Drop a mail on paragjainpes@gmail.com

Or

Put up your question on StackOverflow and then drop a mail with the link.
