# Project

## Introduction

* Hessian matrices
  + Motivation
    - Context
      * Machine learining
      * Loss function
    - Goal
      * Accelerate finding minimum
  + Scope
    - Gradiënt descent
    - Newton’s method 1 variable
    - Newton’s method 2 variables
    - Role of eigenvalue
    - Hessian matrices
    - BFGS?
  + Resuls
    - To be described
* ...

## Preliminaries

* Notation
  + Not applicable
* Concepts
  + Not applicable
* Techniques
  + Calculating derivative
  + Calculating second derivatie
  + Computing eigen values
* Problems
  + 1
    - Question
    - Answer
  + 2
    - Question
    - Answer

## Methods

* Gradiënt descent
* Newton’s method 1 variable
* Newton’s method 2 variables
* Role of eigenvalue
* Hessian matrices
* BFGS?
* Examples and metaphors

## Numerical Examples

* Python program

## Collaborantion

* To be written

## Reflection

* To be written

Afbeelding met diagram, lijn, ontwerp

Door AI gegenereerde inhoud is mogelijk onjuist.