

## Members of Pair group 9:

- Edine Noella Mugisha
- Alice Mukarwema
- Hirwa Blessing
- Queen Wihogora

We all had fun working on this assignment 👍

```
LENOVO@ghz MINGW64 ~/Documents/ALU/Machine Learning/Math/formative 3/formative3-  
group-9 (main)  
$ git log  
commit c669e4c3724cd9584b4623f6e9ad5e1b384d5ac0 (HEAD -> main, origin/main)  
Author: Alice Mukarwema <157026426+alicemukarwema@users.noreply.github.com>  
Date: Sun Jun 22 22:00:14 2025 +0200  
  
    Gradient Descent Manual Calculation  
  
commit 7eefb21d0b392855648340dd7c3aca58e3ec436  
Author: alicemukarwema <a.mukarwema@alustudent.com>  
Date: Sun Jun 22 21:59:06 2025 +0200  
  
    delete file  
  
commit c6fed6ac150b7460b8900515a710a2242ac3379c  
Author: Alice Mukarwema <157026426+alicemukarwema@users.noreply.github.com>  
Date: Sun Jun 22 21:22:52 2025 +0200  
  
    Gradient Descent Manual Calculation  
  
commit abefcc6516091e18880ffb1e4a6edb637dad089  
Author: Alice Mukarwema <157026426+alicemukarwema@users.noreply.github.com>  
Date: Sun Jun 22 21:21:02 2025 +0200  
  
    g  
  
commit 5ff1fee961ba85728b20a280a7f23e1d2c1051b4  
Author: edine-noella <edinenoe1la@gmail.com>  
Date: Sun Jun 22 21:16:40 2025 +0200  
  
    a few refactors here and there  
  
commit 2248bd3dbb95d4fdd55ebba3341593c525f3dc39  
Author: edine-noella <edinenoe1la@gmail.com>  
Date: Sun Jun 22 20:14:06 2025 +0200  
  
    combined all notebooks for each part into one  
  
commit aeb0ee8b434f9dab404bd016f877c0677688c463  
Author: edine-noella <edinenoe1la@gmail.com>  
Date: Sun Jun 22 19:08:09 2025 +0200  
  
    gradient descent for linear regression  
  
commit 0f36ebee2d1932925e0e680cff286e5ebc5b606  
Author: Q-Reine <q.wihogora@alustudent.com>  
Date: Sun Jun 22 19:03:09 2025 +0200  
  
    Implement Bayesian inference for medical diagnosis with step-by-step updates  
  
commit 73d100461e15191bcb937619457afbbb77c4162  
Author: Blessing Hirwa <blessinghirwa7@gmail.com>  
Date: Sun Jun 22 17:52:08 2025 +0200  
  
    feat: probability distribution dive deep  
  
LENOVO@ghz MINGW64 ~/Documents/ALU/Machine Learning/Math/formative 3/formative3-group-9 (main)
```