ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

DAY – 7   Date: Jul 01, 2025

VIM EDITOR

Vim is a highly configurable and powerful text editor used by developers and system administrators on Ubuntu and other Linux distributions. Whether you're coding, writing scripts, or editing configuration files, Vim offers efficiency with its vast features and keyboard shortcuts

Installing vim editor

Using Vim Editor in Ubuntu and Basic Vim Commands

1. Create/Edit a file : To create/edit a file in the Vim editor run the below command

Syntax: vim filename

Example: vim new.txt

2. Changing modes in the Vim editor

- **Editing/Insert Mode:** To make any changes in a file in Vim editor user has to first enter editing/insert mode, Press 'i' or 'a' to enter editing/insert mode.

```
n=2;
if(n%2 == 0):
    print("Number is even")
else:
    print("Number is odd")
~
~
~
~
~
~
~
~
~
~
~
~
~
"index.py" 5L, 80C                                    5,26           All
```

- **Command Mode:** To run any command in Vim editor user has to enter command mode, if you are in editing/insert mode Press Esc then ':' followed by the command.

3. Quit the Vim editor

To quit the Vim editor enter command mode and use the following command,

- :q, Quit the editor
- :q!, Quit without saving changes i.e. discard changes.
- :wq, Save the changes and quit the editor

4. Save the changes

To save the changes to the file in the Vim editor enter command mode and use the following command,

- :w, Write to file called [file_name] (save as).
- :w!, Overwrite to file called [file_name] (save as forcefully).
- :wq, Save the changes and quit the editor

5. Delete a line

To delete a single line Press the Esc key if you are in insert/editing mode, go to the file you want to delete Press 'dd' and then the line gets deleted.To delete a range of lines use the following command,

Syntax: :[start],[end]d