List of Personal Projects

Note: The highlighted repositories are large and contain multiple individual projects.

# Programming

## Data Analysis

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| Project | Notes |
| [Conestoga-College-Data-Project](https://github.com/muktoakash/Conestoga-College-Data-Project) (2021)  [2024 version](https://github.com/muktoakash/Data24) | * Private Repository, available to inspect only the code, but not the data, by request. * Analysis of Service Data for Math Services. |
| [Python-Basics-for-Data-Science-IBM](https://github.com/muktoakash/Python_Basics_for_Data_Science_IBM) | * Exercises from IBM’s Data Science certificate. |
| [Data-Analysis-using-Excel](https://github.com/muktoakash/Data-Analysis-using-Excel) | * Using Excel for Data Analysis |
| [DataFest24](https://github.com/muktoakash/DataFest24) | * Code from ASA DataFest in 2024 |
| [GIS\_Investigate\_KW](https://github.com/muktoakash/GIS_Investigate_KW) | * Exploring geospatial data |

## Python

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| Project | Notes |
| [Python-Practice](https://github.com/muktoakash/Python_Practice) | * Beginner and Intermediate Python projects |
| [GUI-python](https://github.com/muktoakash/GUI-python) | * Several GUI based projects in Python using tkinter, PyQt, and Kivy |
| [sorting-algorithm-visualizer](https://github.com/muktoakash/sorting-algorithm-visualizer) | * Another GUI based project that uses pygame |
| [trydjango](https://github.com/muktoakash/trydjango) | * Building a Product website using django |
| [django-channels](https://github.com/muktoakash/django-channels) | * An chat server built in django |
| [learn-FastAPI](https://github.com/muktoakash/learnFastAPI) | * Learning FastAPI by building a Pizza delivery app. |
| [Simulation-Code](https://github.com/muktoakash/SimulationCode) | * Rewriting R code about simulation into python code/ |
| [Excel-Splitting-App](https://github.com/muktoakash/ExcelSplittingApp) | * Simple app to split one Excel file into multiple files based on sheet names. |

## Other notable coding projects

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| --- | --- |
| Project | Notes |
| [Learning-web-HTML5-CSS-Javascript](https://github.com/muktoakash/Learning-web-HTML5-CSS-Javascript) | * Several web-based projects involving HTML5, CSS, and JavaScript |
| [Algorithms-in-Java](https://github.com/muktoakash/Algorithms_in_Java) | * Exercises from Algorithms course from Princeton University |
| [C-learning](https://github.com/muktoakash/C_learning) | * Several coding projects in C |
| [Java-Practice](https://github.com/muktoakash/Java-Practice) | * Beginner and Intermediate coding in Java |

# Non-Programming

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| --- | --- |
| Projects | Notes |
| [Teaching](https://github.com/muktoakash/Teaching) | Some lecture content from teaching. |
| [Learning-About-Math-Anxiety](https://anxiousatmath.blogspot.com/) | Blogs on learning about Math Anxiety. |