



# BEGINNING DATA ANALYSIS AND MACHINE LEARNING

With Jupyter Notebooks



**MATT ELAND - @INTEGERMAN**

AI SPECIALIST @  **Leading EDJE**



# Pre-Requisite: Install Anaconda

<https://www.anaconda.com/download/success>



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## Download Now

For installation assistance, refer to [Troubleshooting](#).

Download Distribution by choosing the proper installer for your machine.

 Download



## Anaconda Installers



**Windows**

**Python 3.11**

↓ 64-Bit Graphical Installer (904.4M)



**Mac**

**Python 3.11**

↓ 64-Bit Graphical Installer (728.7M)



**Linux**

**Python 3.11**

↓ 64-Bit (x86) Installer (997.2M)

# Pre-Requisite: Clone the Repository

<https://github.com/IntegerMan/JupyterWorkshop>

The screenshot shows the GitHub repository page for **IntegerMan/JupyterWorkshop**. The repository is public and has 1 branch and 0 tags. The **Code** dropdown menu is open, showing options to clone the repository using HTTPS, SSH, or GitHub CLI, or to open it with GitHub Desktop, Visual Studio, or download it as a ZIP file. The repository description is "Notebooks for my Jupyter Notebook workshop".

**Repository Details:**

- Repository: **JupyterWorkshop** (Public)
- Branches: 1 Branch (main)
- Tags: 0 Tags
- Actions: Pin, Unwatch (1), Fork (0), Star (0)

**Files:**

File	Commit
<code>.gitignore</code>	Initial commit
<code>LICENSE</code>	Initial commit
<code>README.md</code>	Initial commit

**About:**

- Readme
- Activity
- 0 stars
- 1 watching
- 0 forks

**Releases:**

- No releases published
- [Create a new release](#)

**Packages:**

- No packages published
- [Publish your first package](#)

**Code Options:**

- Local** (Selected)
- Codespaces
- Clone** (Icon: terminal)
- HTTPS (Selected), SSH, GitHub CLI
- URL: `https://github.com/IntegerMan/JupyterWorkshop.{'`
- Clone using the web URL.
- Open with GitHub Desktop
- Open with Visual Studio
- Download ZIP

**Repository Content:**

- README** (Selected)
- MIT license
- # JupyterWorkshop
- Notebooks for my Jupyter Notebook workshop


# Pre-Requisite: Install VS Code and the Jupyter Notebook Extension

<https://code.visualstudio.com/>

FileEditSelectionViewGoRun...<=>Notebooks

EXTENSIONS: MAR... Jupyter 1977ms Jupyter notebook support... Microsoft Jupyter Keymap Jupyter keymaps for note... Microsoft Jupyter Slide Show 55ms Jupyter Slide Show suppo... Microsoft Jupyter Cell Tags 43ms Jupyter Cell Tags support f... Microsoft Jupyter Noteboo... 35ms Renderers for Jupyter Not... Microsoft Jupyter (deprec... 804K Data Science with Jupyter ... Don Jayamanne VS Code Jupyter... 576K An easy to use extension f...

ExtractorConfidence.ipynb Extension: Jupyter X



Jupyter

v2024.4.0

Microsoft microsoft.com 78,250,651 (312)


Jupyter notebook support, interactive programming and computing that supports Intellisense, ...

Disable Uninstall Switch to Pre-Release Version

This extension is enabled globally.

DETAILS FEATURES CHANGELOG


Extension Pack (4)



Jupyter Keymap

Jupyter keymaps for notebooks

Microsoft



Jupyter Notebook Renderers

Renderers for Jupyter Notebooks (with plotly...

Microsoft

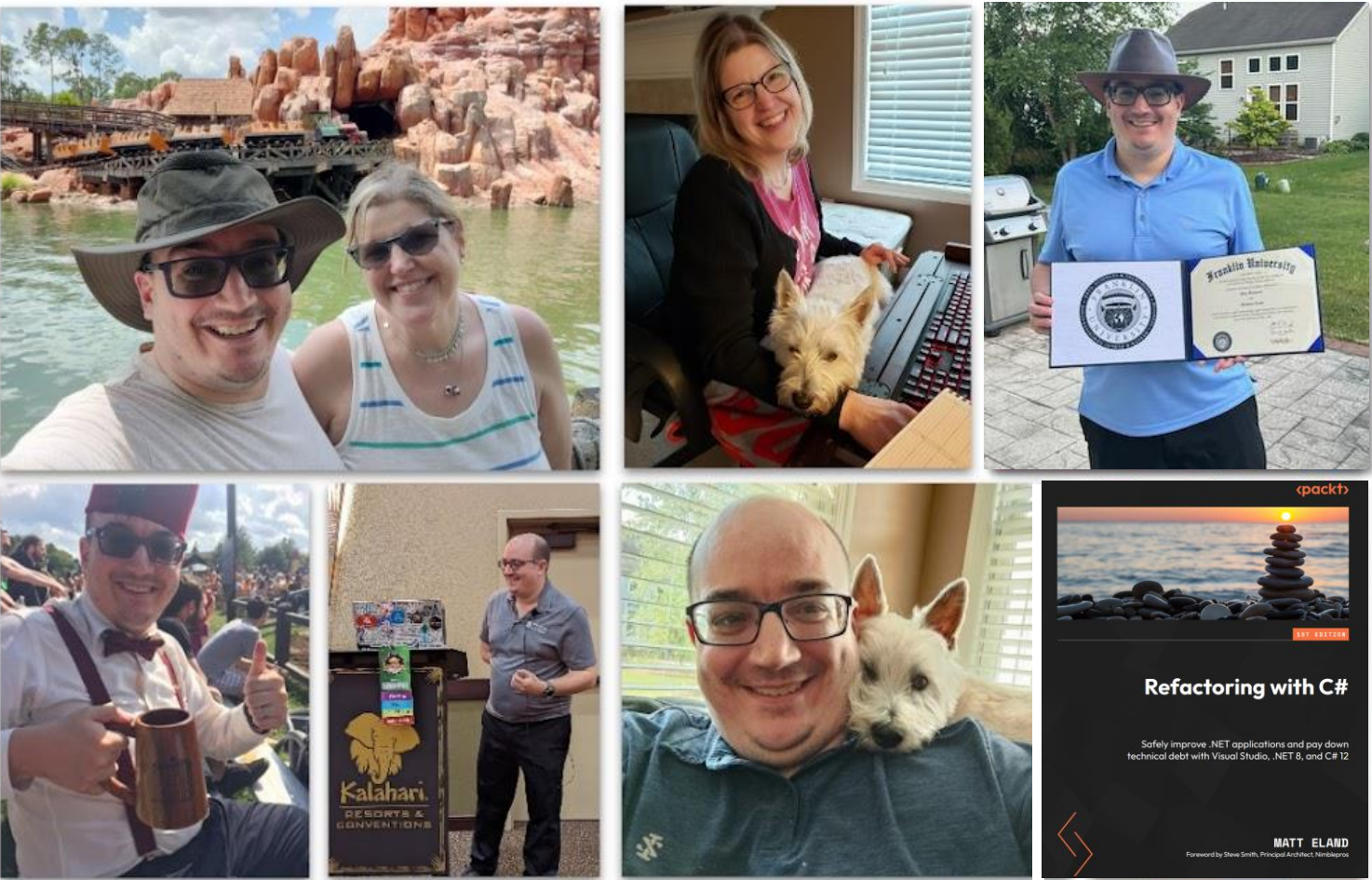
Categories

Extension Packs Data Science Machine Learning Notebooks Visualization

Resources Marketplace Issues Repository

Jupyter Extension for Visual Studio Code

# ABOUT MATT



AI SPECIALIST @  **LeadingEDJE**





Jupyter Notebooks



Data Wrangling

Pandas  
Numpy



Data Visualization

Plotly Express



Machine Learning

SciKit-Learn

## Outline





LET'S ANALYZE SOME DATA!



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# QUESTIONS?

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