

# Tools for Python IDEs & Notebooks



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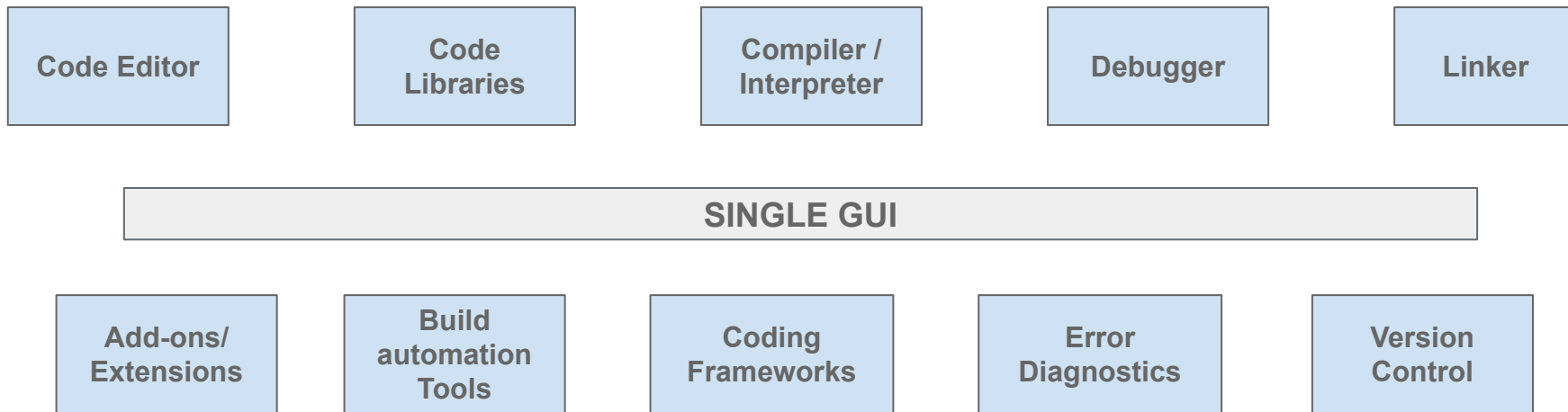


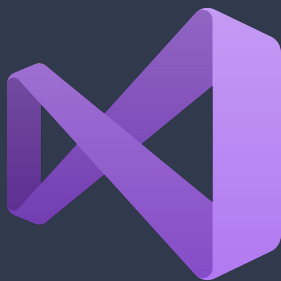
# Python and Data Science



# Integrated Development Environment

**An integrated development environment (IDE) is a software suite that consolidates basic tools required to develop and test software.**





# Notebooks



Web application for creating and sharing computational documents

- In-line code executions and visualizations
- Documentation using markdown editor
- Easy export as pdf, html or even .py file



- Open-source
- Set-up required from scratch
- Supports over 40 programming languages, including Python, R, Julia, and Scala



- On cloud & requires internet connection
- Easily stored and shared on Drive
- GPU & TPU accessibility free of charge
- Minimal configuration required



# Demo

- Working with Google Colab
- Installing dependencies
- Working with Google Drive
- Using GPU or TPU
- Interactive Forms
- Execution history and scratch codes
- Readily available Code Snippets
- Working with GitHub



# References

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- <https://github.com/women-in-ai-ireland/WaiTUTORIALS>



# Thank You!

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## Any questions?