Jupyter is a free and open-source online tool that lets you create and share documents with live code, equations, visualisations, and narrative prose. Data cleansing and transformation, numerical simulation, statistical modelling, data visualisation, machine learning, and many more applications are possible.
The JupyterLab environment is a collaborative development environment for Jupyter notebooks. It is used to create and test code for Jupyter notebooks, as well as to work with code and data in an interactive environment. JupyterLab features several improvements over the original Jupyter notebook environment, including a more intuitive user interface, more capability, and improved support for working with big notebooks.

Markdown is a lightweight markup language that can be utilized with a plain-text editor to generate prepared material. Python is a programming language that helps you to link your devices quicker and more economically.

What do you wish to accomplish this semester in Data Mining?

Data mining is the process of detecting patterns in huge data sets using methods from machine learning, statistics, and database systems. It is a necessary procedure in which intelligent approaches are used to extract data patterns.

Several things may be completed in Data Mining throughout the course of a semester. Certain aims may include learning how to utilise a specific data mining tool, gaining a deeper knowledge of a specific data mining approach, or applying data mining to a real-world situation.

List 3 things that you learned from this podcast?

1. Jupyter notebooks are mostly used for data analysis and scientific computing.

2. Jupyter notebooks are utilised by a diverse group of individuals, ranging from undergraduates to professional scientists.

3. Jupyter notebooks are an effective data analysis and scientific computing tool.

What is your reaction to the podcast? Pick at least one point Adam brought up in the interview that you agree with and list your reason why.

The podcast seems to be quite enthusiastic about Jupyter notebooks and how they might be used to better data analysis. They also explored some of the possible limitations of utilising Jupyter notebooks, such as the difficulty in sharing and collaborating on them.

I agree with Adam that Jupyter notebooks are a great tool for data science because they allow you to easily share your code and data with other people. I also think they are a great way to learn new programming languages and tools.

After listening to the podcast, do you think you are more interested or less interested in learning from Jupyter notebooks on Github?

I find Jupyter notebooks on Github to be more engaging and easier to follow than other types of tutorials. Additionally, I can quickly fork and run the code in the notebooks to test it out for myself.

There are several reasons why I would be less interested in learning from Github Jupyter notebooks:

1) I'm not sure how well they'd be arranged or written. With Jupyter notebooks, it's simple for things to become disorganised and the code to become difficult to follow.

2) I'm not sure how current the notebooks are. They might not be relevant to what I'm attempting to learn if they aren't routinely updated.

3) I'm not sure how much assistance I'd receive if I had queries regarding the coding. I'd have to figure things out on my own with Jupyter notebooks on Github or locate someone else who is also attempting to learn from the same notebooks.