§ **PLEASE ANSWER THE FOLLOWING QUESTIONS AFTER LISTENING TO THE PODCAST:**

1. List 3 things that you learned from this podcast?

1)Cognitive science

Cognitive science is really a mix of human computer interaction, the subfield is really a mix of computer science and social science.
As a scientific field of study, cognitive science requires applying multiple existing disciplines such as philosophy, neuroscience, or artificial intelligence in order to understand how the brain makes a decision or performs a task.

2) JupyterLab and Jupyter Notebook

Jupyter is used to edit the Python code. Jupyter is the latest web-based interactive development environment for notebooks, code, and data.
Its flexible interface allows users to configure and arrange workflows in data science, scientific computing, computational journalism, and machine learning. A modular design invites extensions to expand and enrich functionality.
Jupyter Notebook is the original web application for creating and sharing computational documents. It offers a simple, streamlined, document-centric experience.if we have a bunch of different files, and they're kind of all working together, especially cross language, like CSS, JavaScript, HTML, etc. Jupyter Isn't amazing for that. But it is really great for exploring.

3) PixieDebugger

PixieDebugger is a visual interactive debugger for Jupyter Notebooks.It comes with multiple features, including a source editor and a code execution controlling toolbar and It works as a magic command and requires PixieDust as a prerequisite.

The PixieDebugger comes packaged with multiple features, including A source editor,Console output feature,Local variable inspector,Breakpoint management,Code execution controlling toolbar.

2. 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.

Notebook environments like Jupyter notebook are going to increasingly become the core infrastructure for data analysis, both in industry, academia, and journalism that have just proven so valuable as their iterative programming environment and for presenting results, though it still takes a lot of time to clean it up.

There's a lot of work on how we containerize and package up not only the programming environment and the language at this point in time, but also the data.

I still think a lot is going to rely on either apprenticeship models, or mentoring, or training, and ways in doing and documenting data analysis. So, figuring out the right way to do things and looking at how

people use notebooks differently in different environments. How's enterprise different from academia? How are beginning computer science students different from later ones?

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

Jupyter Notebooks have transformed the way many developers and data scientists do their jobs. They offer a platform to not just explore but to explain data and computation and more interested in learning from Jupyter notebooks on Github

GitHub repositories, talking about versioning, remote workers calling in from across the world and seemed very much like a software company. But they're in a research lab doing fundamental biology research.

how people use tools like Jupyter Notebooks, by in turn using Jupyter Notebooks to analyze a dataset about people using it ,the last five years or so that platforms like Jupyter Notebook or RStudio have been providing these open source, and in some cases like Jupyter, free environments for using a notebook like interface to play with data.

Google Colaboratory is like a Google Docs version of Jupyter Notebooks.they have a whole notebook infrastructure, and each of these have made add-ons and different history features or profiling tools that are slightly different from Jupyter Notebooks or JupyterLab. But they're all essentially build on top of Jupyter.it makes it easy to do things that have been difficult to do in, say Jupyter Notebook, to create widgets