

# Journey Map: JupyterLab Code Snippets



## Robert

Robert is a data scientist that tends to forget the exact code that goes into his import statements. While he was working with his team, he ran into issues with sharing certain code snippets.

### Goals

- Don't have to search through previous notebooks to find import statements → can easily look it up within code snippets
- Be able to easily drag and drop code snippets

### Constraints

- Tends to forget commonly used code
- Doesn't like searching everytime he starts a new project

### PROJECT SETUP

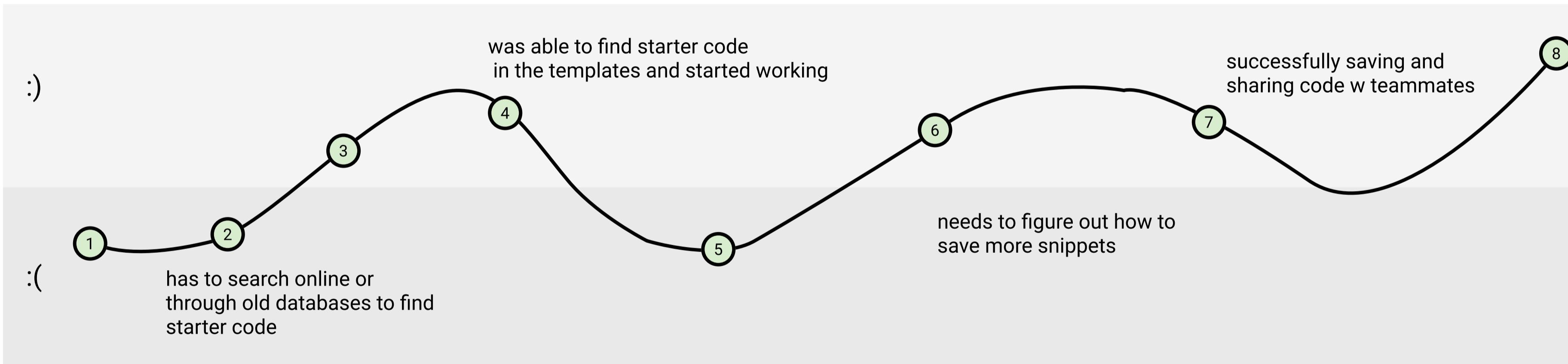
01. Launch JupyterLab
02. Open snippets extension
03. Search for starter code/code templates
04. Drag and drop in the necessary code snippets  
or
- 04a. Start from a notebook template

### SAVING

05. Finding commonly used code // highlight code or code cells
06. Save to snippets folder // save to function or project based folders

### SHARING

07. Retrieve snippets from snippets folder
08. Shares with teammates



## OPPORTUNITIES/CONCERNs

Doesn't have the right code saved --> has to search for code anyways

How are templates provided?

how does saving code vs code cells look

can you access and save something at the same point

how will this look: insertion vs copy and pasting from external workspaces

interactions - importing/exporting snippets

# Journey Map: JupyterLab Code Snippets



**Greg**

Greg is a relatively new developer. He hasn't quite gotten the hang of coding and wants to learn more about how to utilize code snippets in order to streamline his work and be more productive.

## Goals

- learn how to utilize all the code snippet methods
- work more efficiently

## Constraints

- Forgets commonly used code
- New to programming - isn't as good at coding
- isn't familiar with the workspace

### LEARNING SHORTCUTS

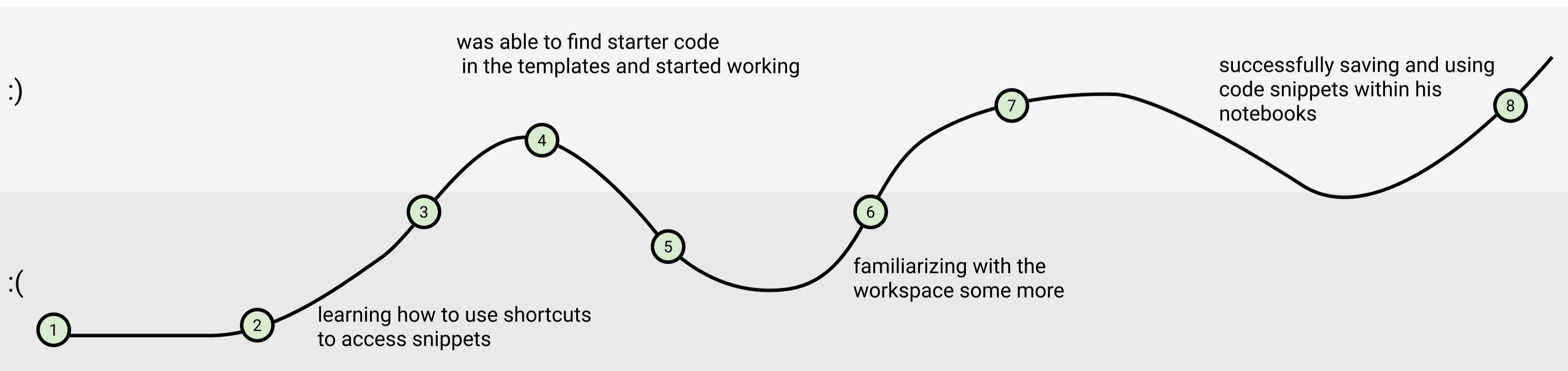
01. Explore the different ways code snippets could be utilized  
// highlighting code cells vs code (insertion)  
// bringing in code snippets from outside sources (copy and pasting)
02. Saving snippets to personal folders
03. Utilizing code snippets in projects

### PROJECT SETUP

04. Launch JupyterLab
05. Open snippets extension
06. Search through provided starter code/templates
07. Drag and drop in the necessary code snippets  
or
- 07a. Start from a notebook template

### UTILIZING SNIPPETS

08. Drag and drop code cells into notebook from other notebooks  
or
- 08a. Copy code snippets from snippets folders and paste into notebooks



### OPPORTUNITIES/CONCERNs

what's the difference between inserting code and copying and pasting code?

how does one save snippets to folders? what are the tools needed?  
--> how can we make this easy for users to access (reference google colab heuristics)

Doesn't have the right code saved --> has to search for code anyways

How are templates provided?

how does saving code vs code cells look

how will this look: insertion vs copy and pasting from external workspaces