SENIOR DESIGN PROJECT

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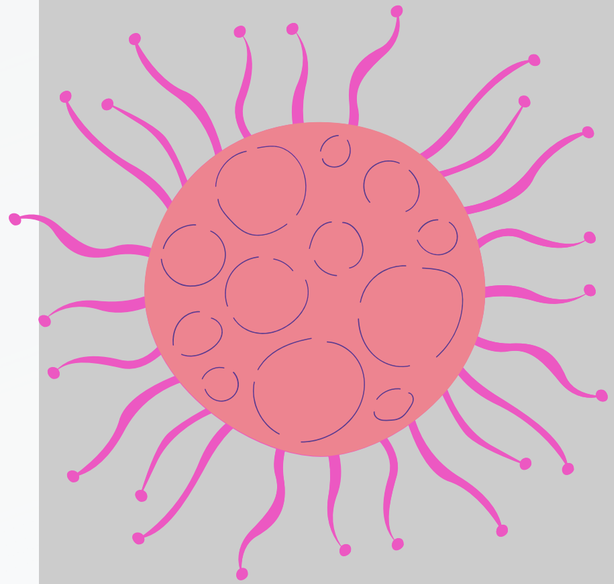
ABOUT PROJECT

In this project, a pan-cancer interface will be created using the shiny library.

TCGA data will be used when creating the interface.



AIM OF THE PROJECT

The main aim of the project is to facilitate the determination of treatment methods using the developed pan-cancer interface.

We wanted to develop a project that would be beneficial to people's health thanks to our ability to quickly process big data with developing technology.

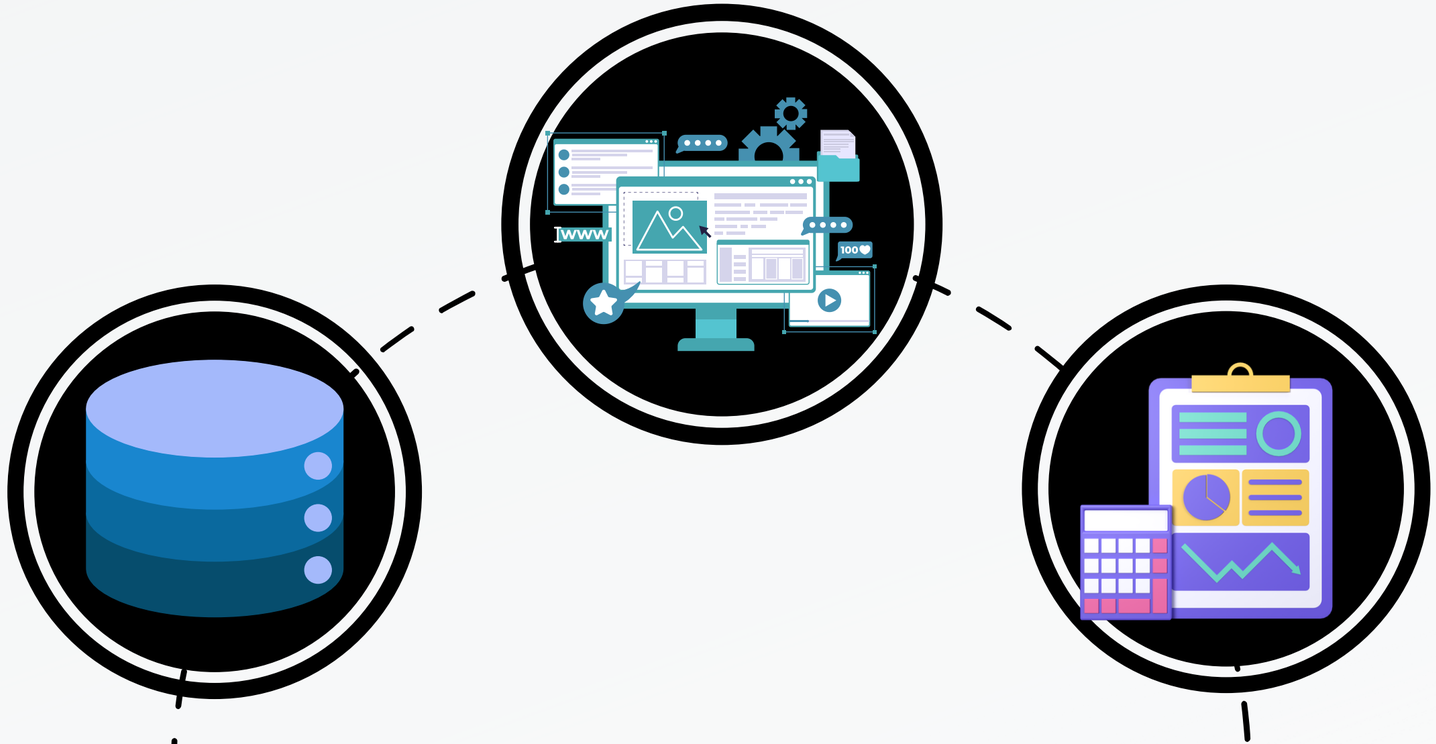
METHODS

Data Preprocessing

Creating User Interface

User Interface Integration

Comparison of Data with TCGAnalyzeR



DATA PREPROCESSING

- DPLYR

- PANDAS

CREATING USER INTERFACE

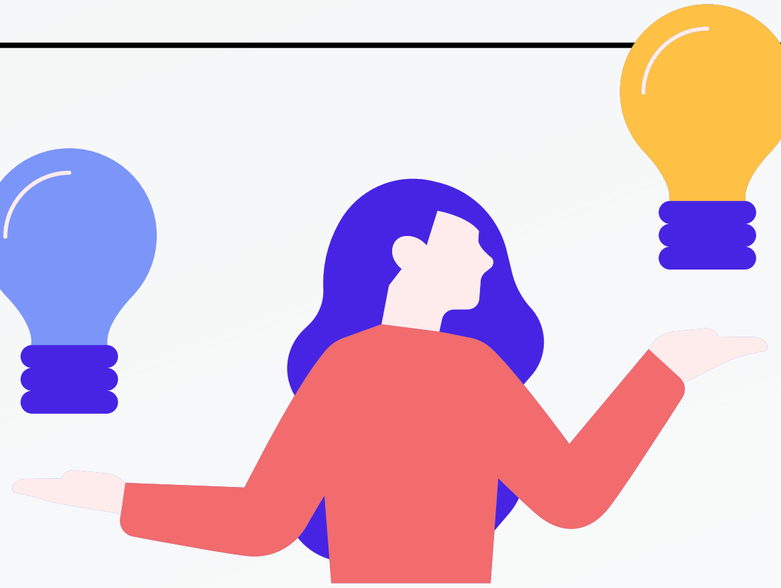
- SHINY

USER INTERFACE INTEGRATION

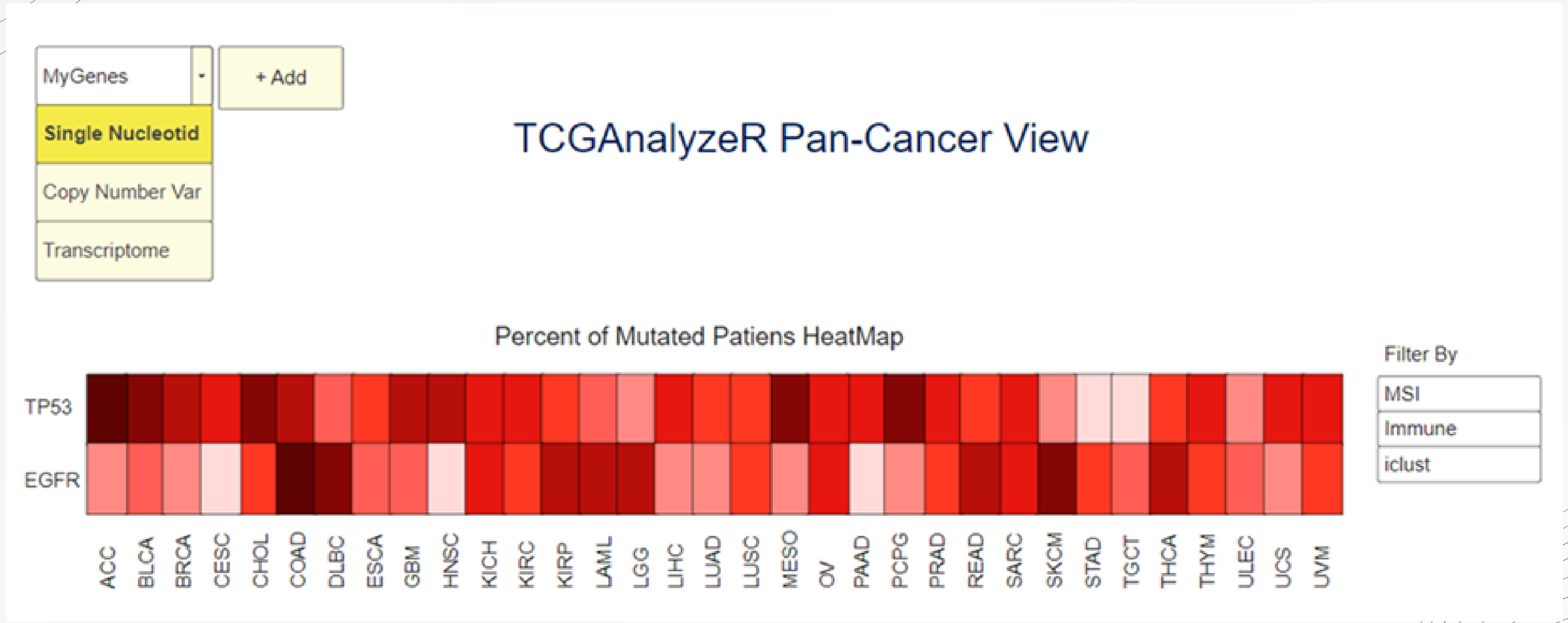
- ADDING INTERFACE TO TCGANALYZER

COMPARISON OF DATA WITH TCGANALYZER

- DATACOMPY



WEB APPLICATION



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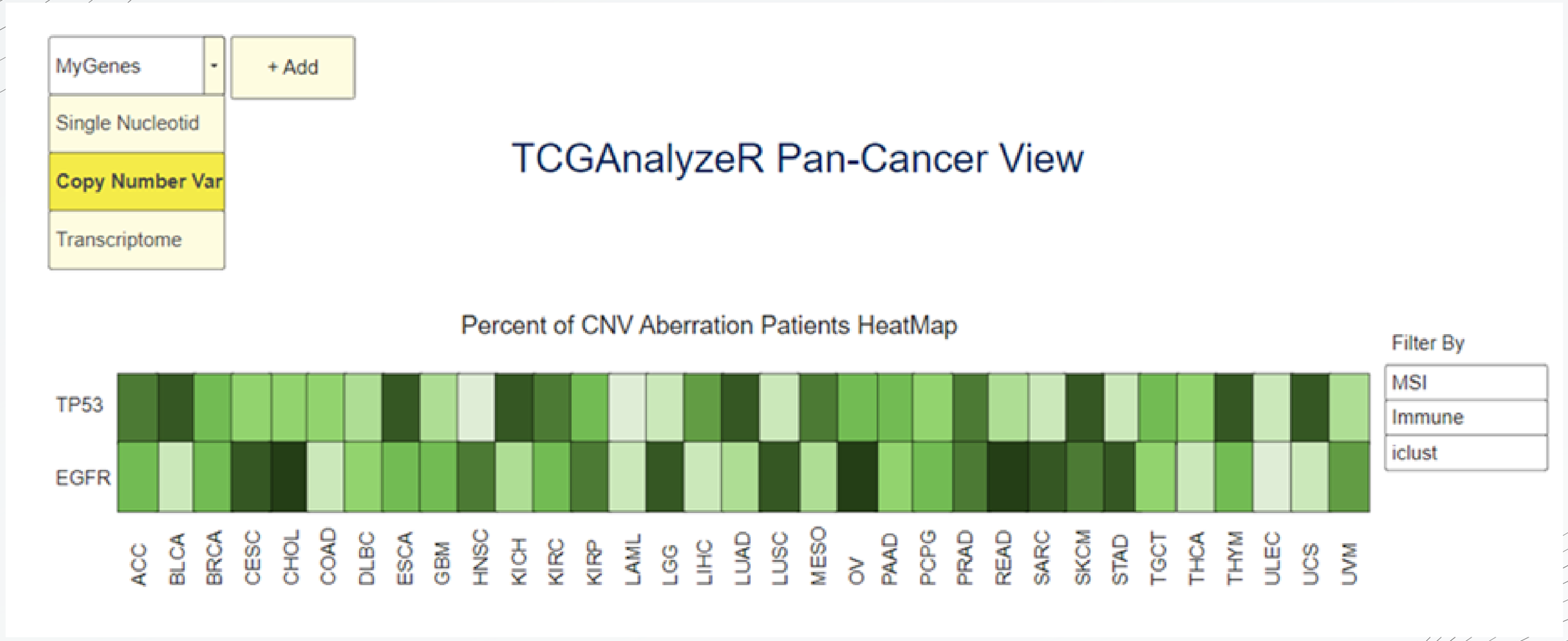

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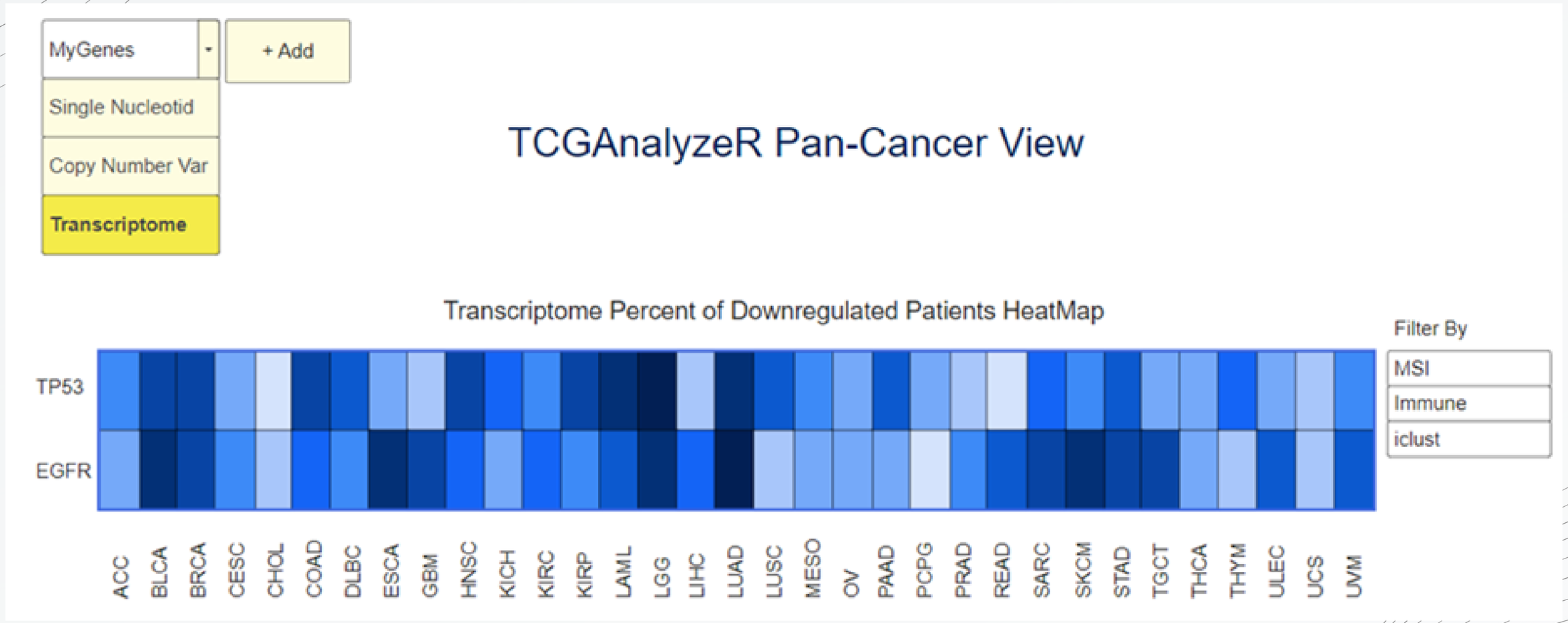

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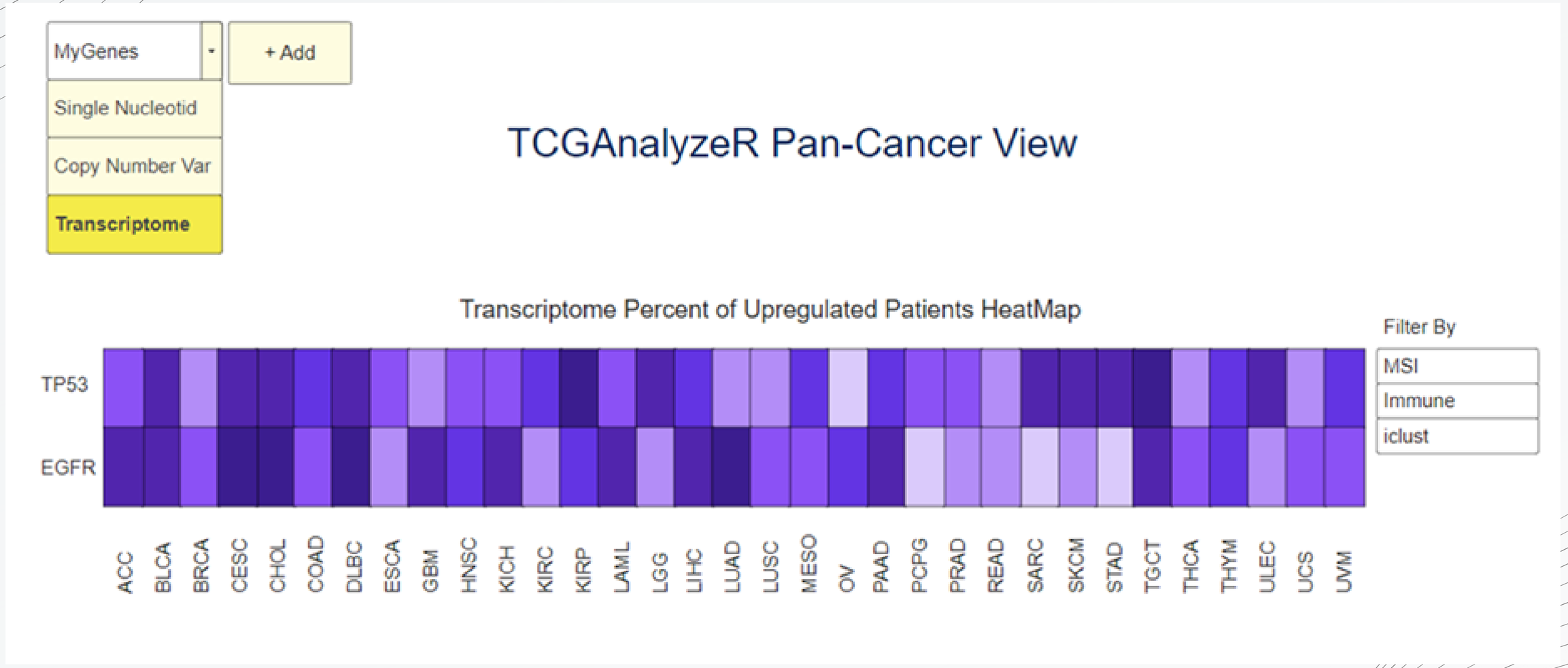
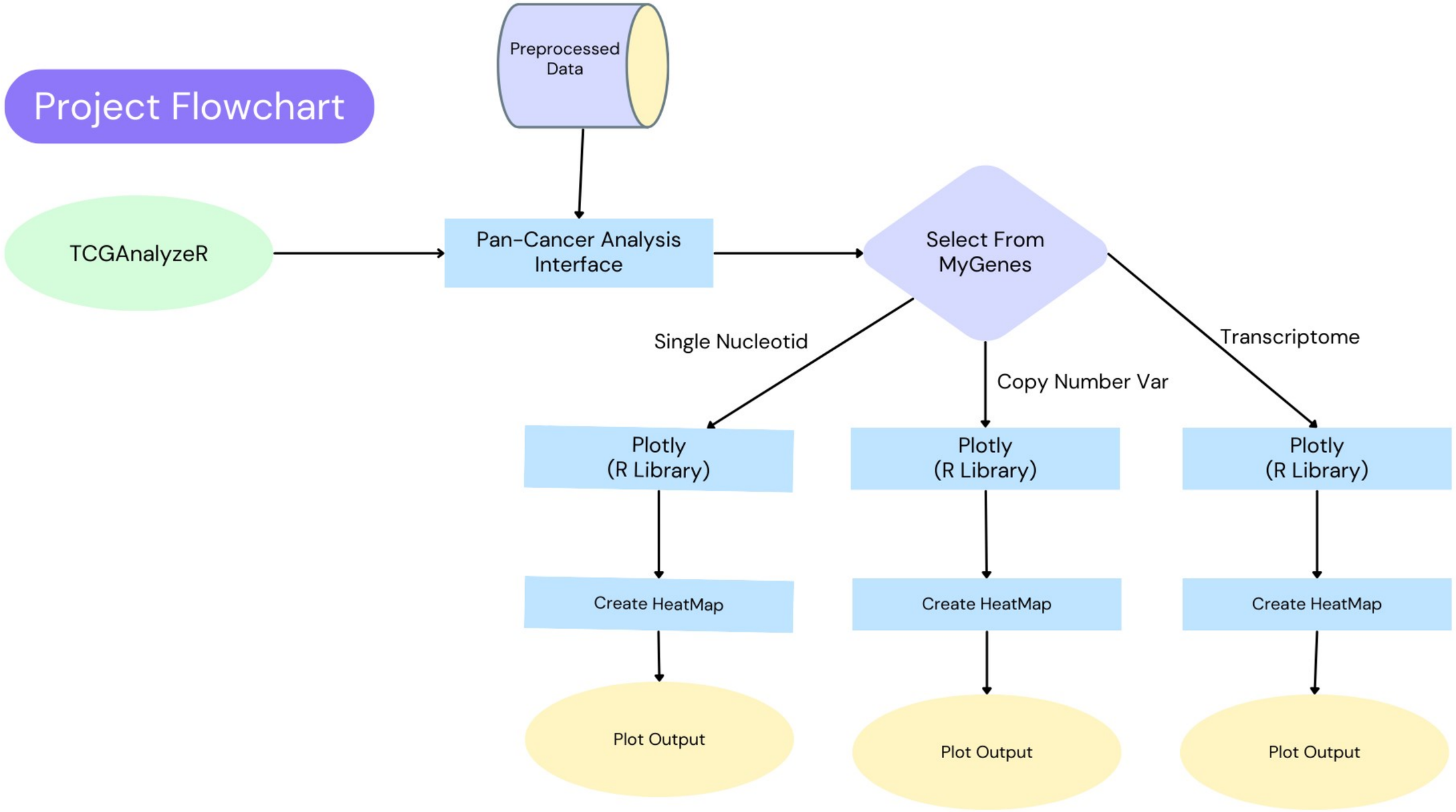
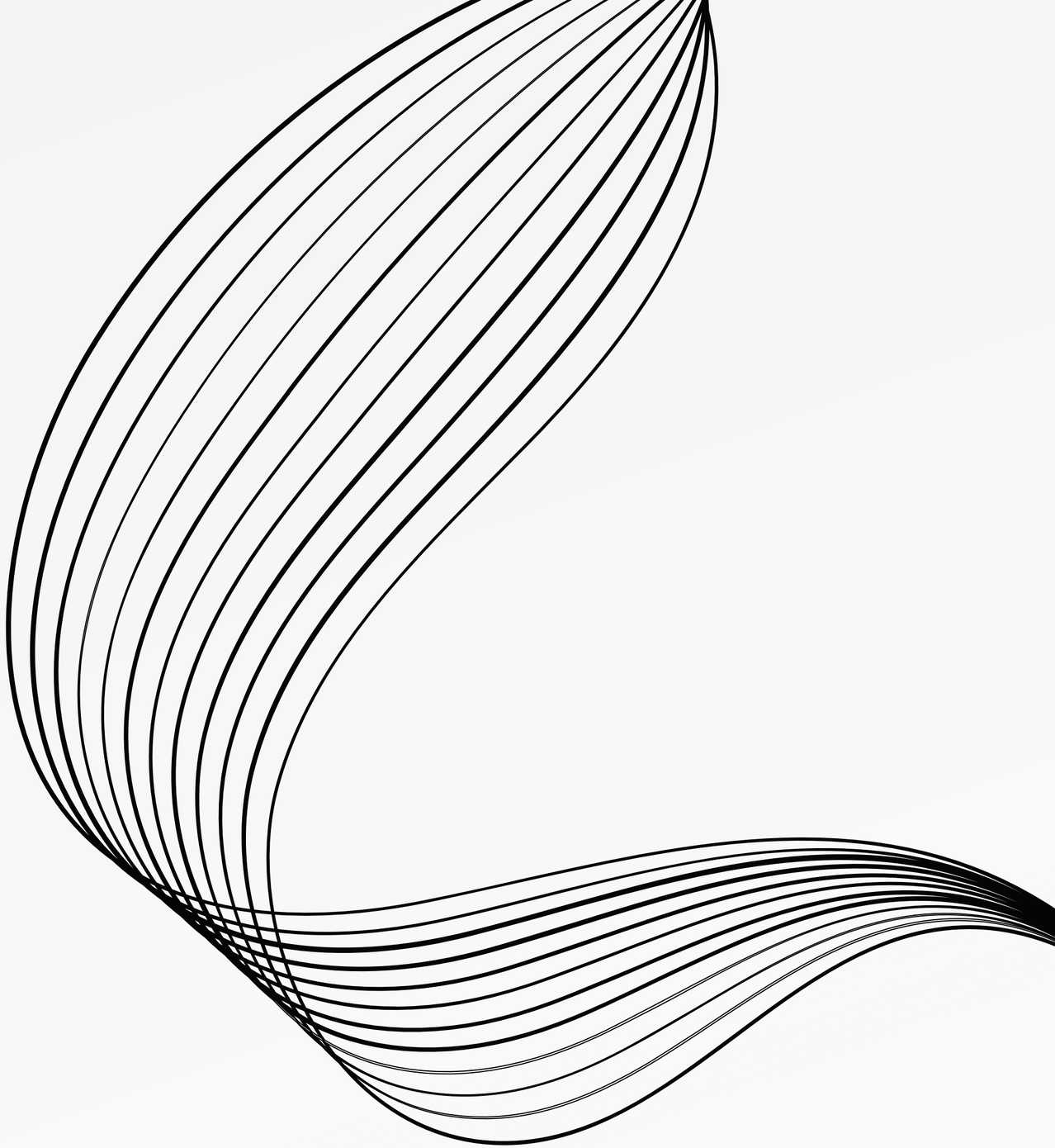


Project Flowchart



THANKS