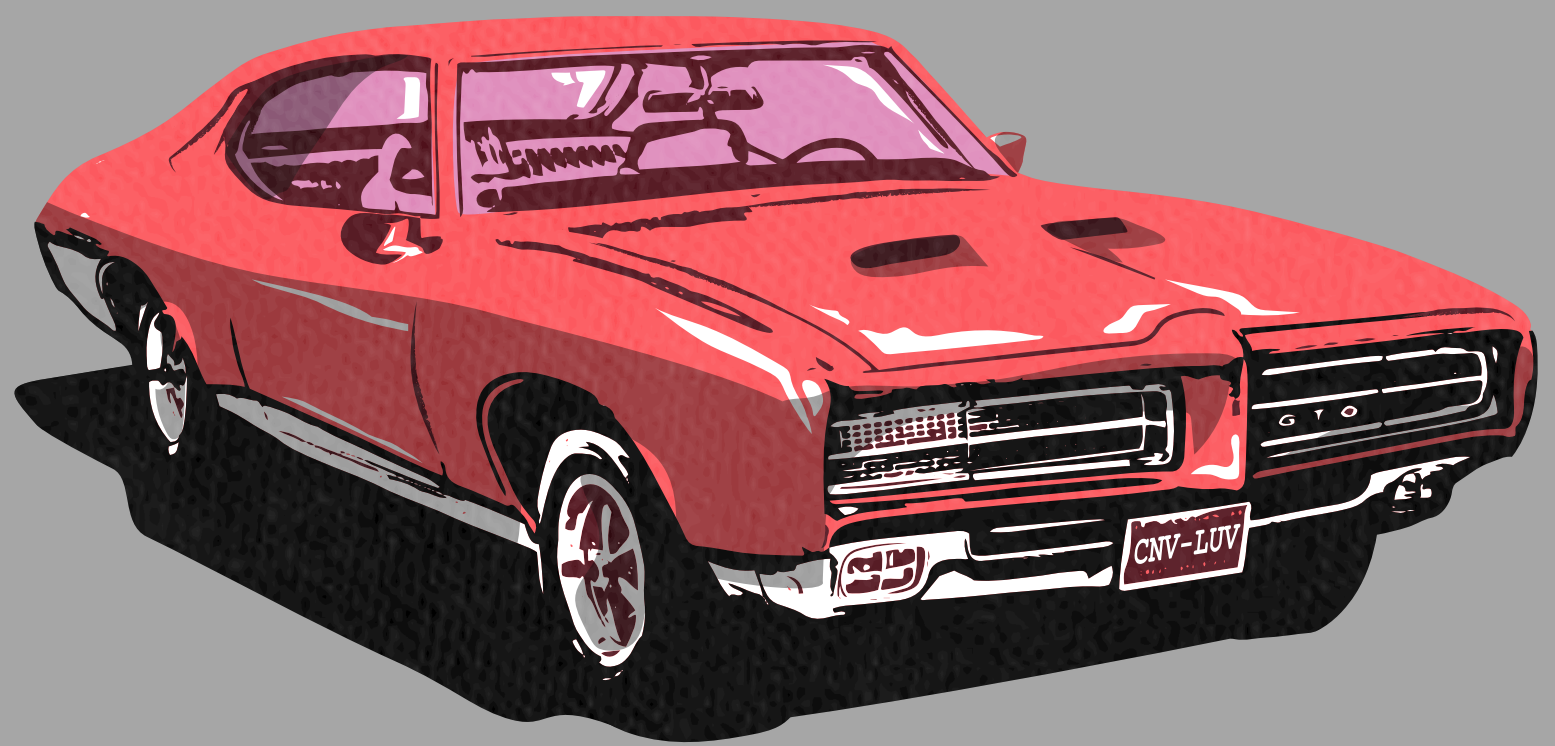


**SEP 2, 2023**

**WEEK 2**



In this week reading we talked about frameworks for developing. Some examples are Vue, React and Vanilla. Make a research about the frameworks and choose 2 that you like according of what you found in the research. Explain the Pros and Con of the framework and the features that call your attention. Remember to add your references in APA format and support your opinions citing articles.

## ***MY RESPONSE***

While researching frameworks for development, two caught my eye: Django and Rails. Django is a high-level Python web framework encouraging rapid development and clean, pragmatic design. It follows the "batteries-included" philosophy, providing a wide range of built-in tools and libraries that make web development efficient and straightforward. Rails is a web application framework written in the Ruby programming language. It follows convention over configuration principles and doesn't repeat yourself (DRY), emphasizing efficient and clean coding practices.

Django follows the MVC architectural pattern, which separates the application into three main components: models (data structures), views (user interface), and controllers (business logic). Django's ORM allows developers to define database models as Python classes automatically translated into tables. This abstraction simplifies database interactions and reduces the need for raw SQL queries.

Django automatically generates an admin interface based on the defined models. This feature simplifies managing data in the backend and is highly customizable.

Similar to Django, Rails follows the Model-View-Controller (MVC) architectural pattern. It provides a clear separation of concerns between data models, user interfaces, and application logic. Rails have sensible defaults and conventions that help developers avoid unnecessary configuration and focus on writing application code. This leads to faster development. Ruby on Rails is known for its developer-friendly approach, rapid development capabilities, and vibrant Ruby community. It's an excellent choice for building web applications of varying sizes and complexities.

# ***PART 2***

## **Python Django Explained In 8 Minutes**

<https://www.youtube.com/watch?v=0sMtoedWaf0>Links to an external site.

What Is Django And How It Works? | Django Rest Framework Python | Django Tutorial | Simplilearn

<https://www.youtube.com/watch?v=sPZeuiViku8>Links to an external site.

**What Is Ruby On Rails? | Ruby On Rails For Beginners | Ruby Programming Language | Simplilearn**

[https://www.youtube.com/watch?v=6Vi\\_7R-BHP](https://www.youtube.com/watch?v=6Vi_7R-BHP)Links to an external site.

## **Ruby in 100 Seconds**

<https://www.youtube.com/watch?v=UYm0kfnRTJk>Links to an external site.