This was a great task for me. However, I think that I misunderstood the task somehow because when I finally got it, it was a rather very easy task..

At first, when I started, I didn't know that street view panoramas are referenced by a panoramic id and unlike maps, where just a latitude and longitude would suffice, panoid is very important for street view

The second error that I made was that I was looking for a google arts and cultures api to load the site. Since no such api existed it took me some time to realize that google arts and center itself just uses the street view api to display and render images for its users.

The third error that I made was that I didn't notice default_pano and instead declared my own panoid variable. This slowed down the code and to optimize it and increase efficiency I later discovered the default pano option and switched to it

I didn't know that google arts existed as a site and it was very exciting for me to explore it and view expensive pieces of art that museums in my city would have never hosted

I have also added additional options for heading, pitch, latitude and longitude. These allow for more customization and make the code more stable as sometimes google arts provides a panoid in its URL which is not referenceable through JavaScript.

I entered the map api link with my own key in the requirejs area of streetview module. However, the coloured images were not seen in the demo that I posted because by the time I got everything to work, the key had reached its limit.

This is how I extracted values from the google arts url:

1. sv_pid= panoid
2. sv_lat= latitude
3. sv_lng= longitude
4. sv_h= heading
5. sv_p= pitch
6. sv_z= third axis in a multi axis setting