Google Cloud Vision with Python

1. **Create a Gmail Account**: If you haven't already, sign up for a Gmail account through the google website (<https://www.google.com/>).
2. **Open the Google Cloud Console:** Navigate to <https://www.console.cloud.google.com>.
   1. **Log into your account**
   2. **Click the bar at the top which says “My First Project”, then at the top right of the popup window, click “New Project”**
   3. **Establish a project name. For mine, I chose CloudOCR. Click create.**
3. **Enable the Vision API Service: Open the menu on the left side of the screen, expand to see “more products”, go down to APIs & Services, and click on “Library”**
   1. **Next, search for “Cloud Vision API”, open it, and click “enable”. Then click “Create Credentials”**
      1. **If this is already enabled, click “manage”.**
   2. **Once this opens, on the left side, click “Credentials”**
   3. **At the top, click “Create Credentials”, then choose “Service account”**
   4. **Type in any name under “Service account ID”. I chose ocracct. Click create**
   5. **Once this is done, go into the service account you just created, go to keys, and click “add key”. Keep the default JSON, and click create. This will create a file and saves it to your computer.**
   6. Take this new file and name it something recognizable, save it in your working directory (i.e. where the Jupyter Notebook file is).
      1. I saved mine as “ServiceAccountToken.json”
      2. My working directory is “/Users/michaelgiordano/Documents/GitHub/OCR\_Improvements/OCR\_Python”