**Extract text from PDF and image using**

Vertex AI (Gemini) into CSV

What does this do?

* **Watches a Google Drive Folder:** It keeps an eye on a specific folder for new PDFs or images (for example, bank statements or receipts) being uploaded.
* **Routes by File Type:** It checks whether the new file is a PDF or an image and sends it down the appropriate path.
* **For PDFs:**
  + The file is downloaded, and text is extracted directly from the PDF.
  + The extracted text is then sent to an AI service (via Openrouter) to convert all the transactions into CSV format, with an extra “category” column added based on the transaction details.
* **For Images:**
  + The image is downloaded, and then Vertex AI (integrated with the Gemini model) is used to read and extract transaction data from the image.
  + This extracted data is similarly converted into CSV.
* **Final Step:** The resulting CSV file is uploaded back to Google Drive for easy access and further use.