

# Task 2- Bank Statement Parser (Gemini AI)

The **Bank Statement Parser** is a smart Python-based tool powered by **Google Gemini AI** that automatically extracts, analyzes, and summarizes financial information from bank statement files (PDFs or images).

Feature	Description
Multi-format input	Accepts both PDFs and image scans.
OCR support	Automatically reads text from scanned or rotated documents using Tesseract.
Gemini-powered extraction	Extracts structured financial data with AI precision.
AI-generated insights	Summarizes your financial activity in simple language.
Privacy-first design	Masks sensitive data and doesn't store uploaded files.
Interactive UI	Built with Streamlit for easy use — upload, parse, and view results instantly.
Test Mode	Runs locally with sample mock data (no API calls).

In conclusion, this project provides a smart and reliable way to extract and analyze financial data from bank statements using Gemini AI. It simplifies manual review by delivering clear summaries, structured transaction data, and insightful financial highlights all through an easy-to-use Streamlit interface.