



ExpenseBot.xyz

AI Book keeping Assistant

Gemma 2 Challenge



Problem Statement

Small businesses in the UK are struggling with time-consuming and stressful bookkeeping and accounting tasks, leading to reduced productivity and potential financial mismanagement.

1. Time Drain: The average micro-business spends 15 hours per week (19% of their time) on financial admin tasks⁵. For sole traders, this increases to 31% of their time, significantly impacting their ability to focus on core business activities
2. Financial Stress: 49% of small business owners experience stress due to completing accounting tasks annually, with 33% lacking real-time visibility into their bookkeeping. This lack of financial clarity can lead to poor decision-making and cash flow



Motivation

IT TOOK ME TIME

Book keeping is time consuming



Our project showcase today

Technology & Category Tags

Category: Finance

Technologies:

1. PaliGemma (fine-tune)
2. Gemma 2b
3. Gemini 1.5 Pro
4. Twilio & WhatsApp API
5. Google Cloud VM with VLLM for inference
6. Google appEngine for webhook
7. Colab for fine-tuning
8. Weight and Biases for evaluation