# Executive Summary: Hybrid GPT Model Cost Analysis

This executive summary outlines the cost analysis for implementing a hybrid GPT model strategy in the AV-GPT project. By using GPT-4 Turbo for complex reasoning and GPT-3.5 Turbo for export formatting and summaries, the system balances high performance with cost efficiency.

## Key Insights

- Hybrid model cuts costs by over 40% compared to using GPT-4 alone.

- Total GPT processing cost per page: ~$0.11–$0.13

- Cost per full plan set (30 pages): ~$3.30–$3.90

- Scales flexibly with usage volume.

## Monthly Cost by Usage Tier (Hybrid Model)

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| --- | --- | --- | --- |
| Tier | Pages/Month | Total Hybrid Cost | Avg. Cost per Plan Set (30 pages) |
| Light | 100 | $11.30 | $3.39 |
| Medium | 1000 | $113.00 | $3.39 |
| Heavy | 5000 | $565.10 | $3.39 |
| Enterprise | 20000 | $2260.40 | $3.39 |

## Visual Summary

The chart below illustrates the total monthly hybrid GPT cost by usage tier:

