

## **Problem**

Millions of Indians face challenges in managing their finances due to a lack of accessible, reliable, and personalized financial advice. Many turn to friends, YouTube videos, or their instincts, resulting in poor choices regarding budgeting, taxes, loans, and investments. Financial advisors are often too costly, inaccessible in Tier 2 and 3 cities, or biased. Consequently, individuals often neglect to plan for significant expenses, fail to fully utilize tax benefits, and rarely optimize bonuses or salary increases. There is an urgent need for a smart, impartial, and hyper-personalized financial assistant that can aid individuals in making informed financial decisions without demanding technical knowledge, financial literacy, or reliance on third-party agents.

## **Target Audience & Context**

This solution is designed for working professionals, freelancers, small business owners, and first-time earners across India. These users typically lack access to dedicated and trustworthy financial planners, experience difficulties with tax compliance, and wish to invest wisely but lack the necessary knowledge. In Tier 2 and 3 cities, many are first-generation earners managing their expenses, loans, and savings with minimal guidance. The tool is especially beneficial for digitally savvy yet financially underserved individuals who utilize UPI, banking apps, and mobile-first platforms but remain unfamiliar with structured financial planning.

## **Use of Gen-AI**

The copilot employs Gen AI to replicate an expert financial advisor, processing natural language prompts such as "I earn ₹10LPA, want to save tax, and buy a car." It discerns user intent, income data, city context, bank statement inputs, life goals, and expense history to deliver intelligent, real-time suggestions. Utilizing prompt chaining, few-shot learning, and rule-based triggers, it can propose optimized budgets, recommend high-performing mutual funds, suggest tax-saving instruments (e.g., 80C, 80D, 80DDB), and assist users with buying a home, selecting the best credit card, or claiming medical expenses. The AI facilitates multi-intent prompts, infers unspoken needs, and articulates decisions in straightforward language. It can also simulate "financial what-ifs," adjusting plans when a user receives a bonus, anticipates a significant expense, or seeks to generate new income.

## **Solution Framework**

The proposed solution is an AI-powered Personal Finance Copilot developed using AI models and integrated with localized financial logic tailored for Indian users. It operates through a conversational/chat-based interface and interprets multi-intent prompts without requiring form-filling. The system encompasses essential features:

- Budget planning considering income, city, family size, and expense categories (groceries, subscriptions, EMI, etc.)
- Tax guidance with deductions (80C, 80D, 80DDB), regime selection (old vs. new), and future tax-saving strategies

- Investment recommendations, utilizing mock APIs or current fund data to suggest optimal instruments, adapted to user goals
- Goal-based insights for purchasing a car, house, or land, including down payment strategies and loan structuring
- Credit and insurance comparisons based on spending habits and user-defined preferences
- Bank statement analysis to capture true expenses, subscriptions, and recurring obligations
- Dynamic budget adjustments for future purchases, salary increases, bonuses, or cash gifts
- Suggestions for side incomes through freelance work, rentals, affiliate marketing, and skill-based opportunities
- A government budget scanner, revealing loopholes, investment incentives, etc.

### **Feasibility & Execution**

It can be developed using a lightweight UI (Streamlit, Figma, Flutter), integrated with an LLM and static datasets for mock investment and credit card information. Bank statement parsing can initially utilize regex and merchant classification. City-specific data can be fetched using Numbeo or internal mapping. Tax logic and budgeting rules are hardcoded but can be enhanced with APIs. Voice and vernacular inputs can be integrated using the Bhashini or Indic NLP model. The system will be optimized for quick iteration, low-latency responses, and multi-intent understanding. With vernacular and voice input in place, the product is immediately usable by crores of smartphone users.

### **Scalability & Impact**

This solution can be scaled across India, particularly in Tier 2 and 3 regions where unbiased financial support is often lacking. With the inclusion of regional language support, the tool can cater to over 50 crore working-class users. As the copilot learns from anonymized data, it enhances its recommendations over time. Integrating with government platforms, tax filing platforms, banks, or UPI apps can enable real-time financial optimization. The impact is quantifiable: improved savings rates, reduced debt and tax liabilities, smarter investment choices, and increased financial literacy, achieved through a user-friendly, AI-first interface that fosters trust and financial confidence.

### **Conclusion**

The AI Personal Finance Copilot provides everyday Indians with intelligent, accessible, and personalized financial guidance, free from jargon and complexity. From tax-saving strategies to investment advice and managing real-world expenses like home purchases or medical bills, it delivers clarity where confusion exists. Created for Bharat and powered by Gen-AI, this tool transforms financial anxiety into structured confidence, while offering real business potential through premium advisory, API integrations, and affiliate-driven monetization.