

### Invoice Generator – Excel VBA Project (AI-Assisted Automation)

### Project Overview

This project features a professional, reusable invoice template in Excel, built for freelancers and service providers. It uses dynamic formulas for client and service selection and integrates an Al-assisted VBA macro to automate PDF export and email delivery — showcasing practical Excel automation with AI support.

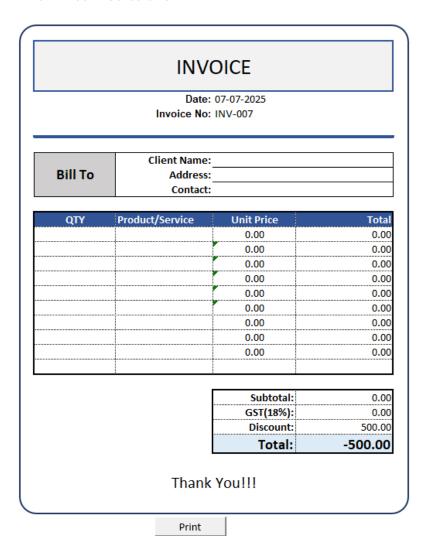


### Invoice Sheet Setup

Sheet: Invoice

The invoice auto-fills and calculates values using Excel formulas and dropdowns:

- Invoice No. (Auto-generated)
- Date (=TODAY())
- Client Name (Dropdown via data validation)
- Address & Contact (Auto-filled with VLOOKUP)
- Product/Service Selection (Dropdown)
- Unit Price (Auto-filled via VLOOKUP)
- Quantity × Price → Total
- GST & Discount Logic
- Final Amount Calculation



# **Data Sources**

Sheet: ClientList

Client Name, Address, Contact

Sheet: PriceList

• Product/Service Name, Unit Price

### SVBA Macro - SaveOrMail\_A1G35

Developed using **Al-assisted VBA scripting**, this macro enables:

- One-click export of invoice range (A1:G35) as PDF
- | Option to Save the PDF via dialog
- Option to Email the invoice directly using Outlook
- W Automatically deletes the temporary PDF after action

# **%** Skills Demonstrated

- Excel Formulas (VLOOKUP, SUM, Conditional Logic)
- Data Validation & Dynamic Dropdowns
- Al-Assisted VBA Automation
- PDF Export & Outlook Integration
- Clean Print-Ready Invoice Design

### **&** Objective

To simulate a real-world freelance billing workflow using Excel and AI-enhanced VBA. This project reflects modern Excel skills by combining manual logic building with Al tools for faster, smarter automation.