VIKABH DASHBOARD - INSTALLATION & BUILD MANUAL

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This manual explains:

• Required installation to run the application

• How to execute the Python script directly

• How to build Windows EXE format using PyInstaller

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1) SOFTWARE REQUIREMENTS

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• Operating System : Windows 10/11

• Python : Version 3.9+ Recommended

• Tkinter : Pre-installed with Python on Windows

• SQLite : Built-in with Python

• Pillow : Optional (Used for logo & icon generation)

Install Pillow (Optional):

pip install Pillow

2) RUNNING APPLICATION FROM SOURCE

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Step-1 : Clone Project from GitHub

git clone https://github.com//vikabh-dashboard.git
cd vikabh-dashboard/src

Step-2 : Install Dependency (Optional)
pip install Pillow

Step-3 : Run Application
python vikabh_dashboard.py

Notes:

• Application will automatically create data folder inside Documents

• Database and logs are stored securely in user directory

3) BUILD WINDOWS EXE (SINGLE FILE)

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Requirement:
pip install pyinstaller

Execute inside "src" folder:

pyinstaller vikabh_dashboard.py --noconsole --onefile --icon=../assets/vd.ico --name "Vikabh Dashboard"

Executable Output Location:

/dist/Vikabh Dashboard.exe


OPTIONAL – Include logo PNG directly in EXE build:

pyinstaller vikabh_dashboard.py --noconsole --onefile --add-data "logo.png;." --icon=../assets/vd.ico --name "Vikabh Dashboard"


4) AFTER BUILD COMPLETES

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Your EXE will be available at:

dist/Vikabh Dashboard.exe

• Can run without Python installed

• Suitable for distribution & client-side usage


5) OPTIONAL CLEAN BUILD FILES

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To remove build cache:

rmdir /s /q build

rmdir /s /q __pycache__

del *.spec


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END OF INSTALLATION & BUILD MANUAL PDF

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