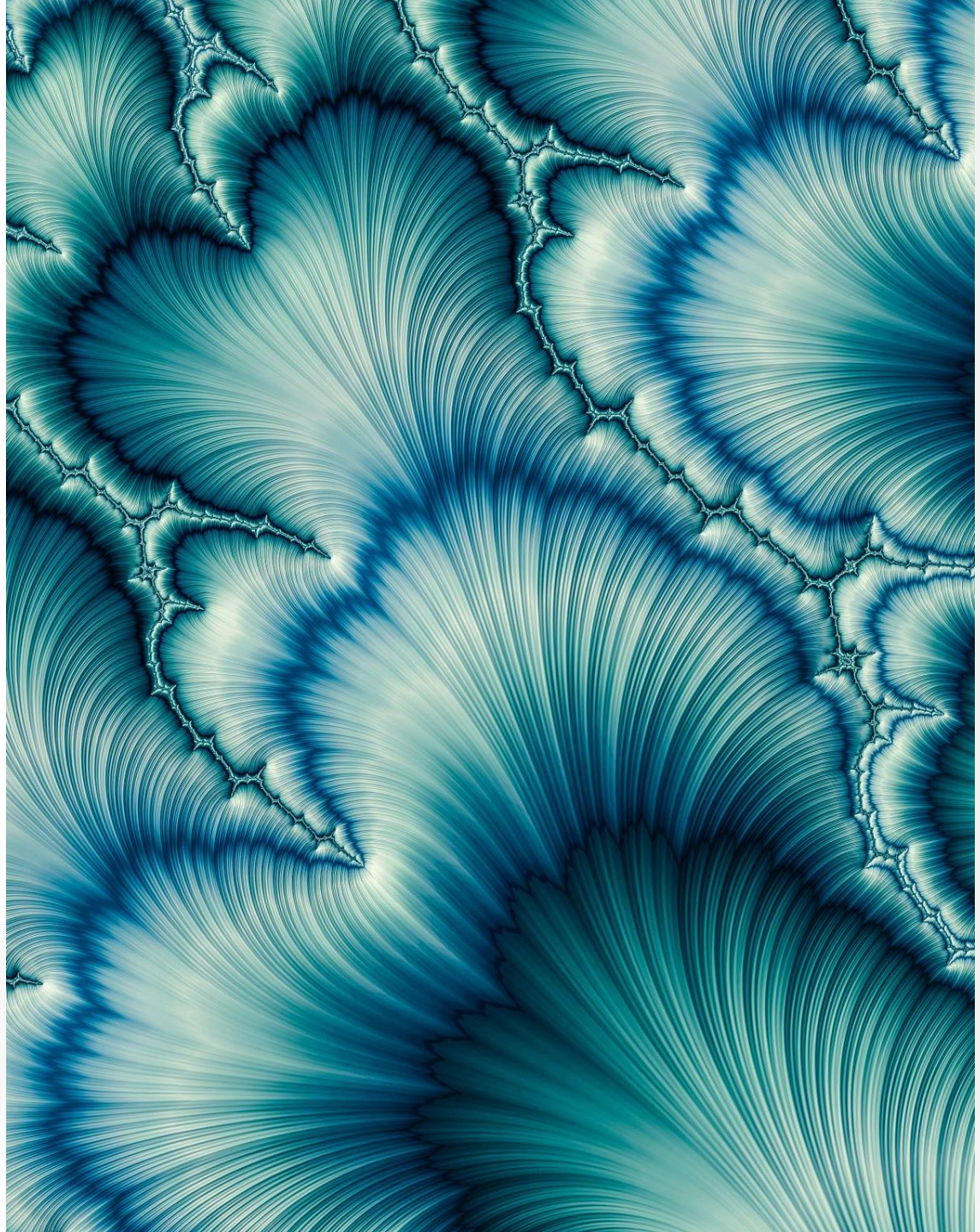
Business Card Data Extraction

BY

GOWCIGAN M

INTRODUCTION

- Welcome to the Business Card Data Extraction App
- Developed using Python, Streamlit, easyOCR, and a Database (SQLite/MySQL)



APPLICATION OVERVIEW

Purpose:

Extract data from business card images efficiently.

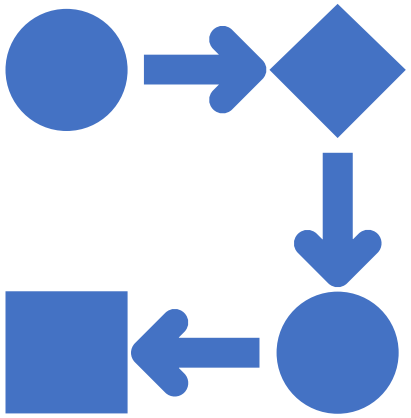
Technologies:

- Python: Core language for development.
- Streamlit: Builds the user interface.
- easyOCR: Extracts text information from images.
- Database: Stores extracted data (SQLite/MySQL).

KEY FEATURE

- **Image Upload:** Users can upload business card images.
- **Data Extraction:** easyOCR extracts relevant information (company name, contact details, etc.).
- **GUI Display:** Displays extracted data in a clean interface.
- **Database Integration:** Saves extracted data and images for future reference.

WORKFLOW



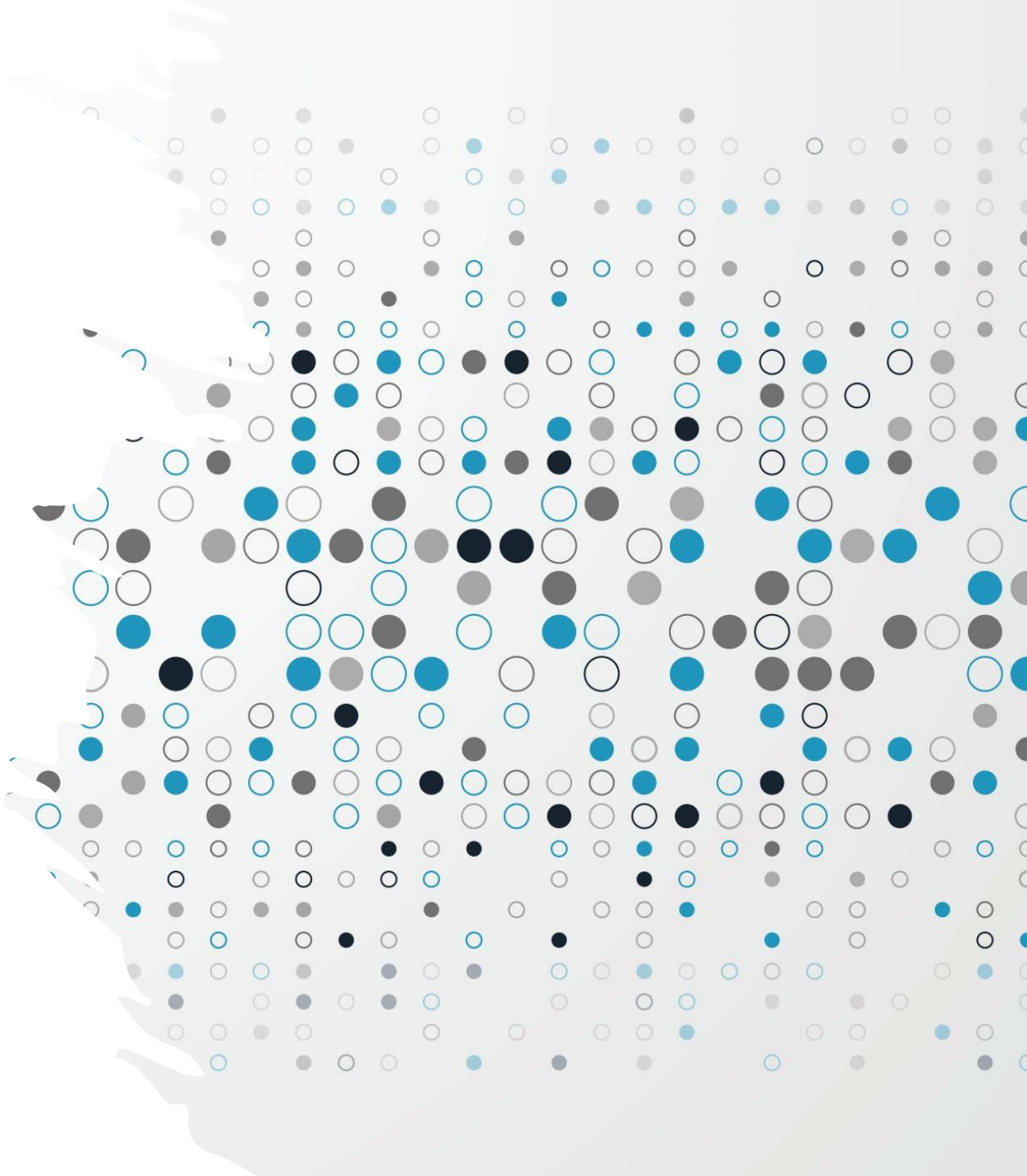
- User uploads a business card image.
- App uses easyOCR to extract data.
- Extracted information is displayed on the interface.
- Option to save data into the database.

FUNCTIONALITIES

- **Image Upload:** Interface to upload business card images.
- **Extraction:** Utilizes easyOCR to extract text information.
- **Display:** Shows extracted data in an organized manner.
- **Database Management**: Allows saving data and images into SQLite or MySQL.

GUI INTERFACE

- **Clean and Intuitive:** User-friendly design for easy navigation.
- **Upload Button:** To select and upload business card images.
- **Display Section:** Showcases extracted details neatly.
- **Save Button:** Option to store data into the database.



DATABASE INTEGRATION

- **Storage:** Saves multiple entries with their associated images.
- **Database Options:** Supports SQLite or MySQL for data management.
- **Efficient Data Retrieval:** Allows easy access to previously stored information.

CONCLUSION

- **Efficient Business Card Data Management:** Streamlined extraction, display, and database storage.
- **User-Friendly Experience:** Intuitive interface for quick data handling.
- **Scalable and Maintainable:** Built with scalability and maintenance in mind.

NEXT STEP

Implementation: Develop the application using the specified technologies.

Testing: Ensure proper functionality and user experience.

Deployment: Prepare for deployment on desired platforms.

Enhancements: Plan for future enhancements or additional features.

"Success is not final, failure is not fatal: It is the courage to continue that counts."

THANKYOU