**Portfolio of Projects, Apps, Products, and Papers**

1. **Sales Navigator**
   * **Description:** Developed using Transformer techniques for stock price prediction. This tool enhances decision-making accuracy by analyzing market trends.
   * **Outcome:** Improved stock market forecast accuracy by 20%.
2. **Stock Price Prediction Model**
   * **Description:** Created using Long Short-Term Memory (LSTM) and Recurrent Neural Networks (RNN). This model predicts stock prices with improved accuracy.
   * **Outcome:** Increased decision-making accuracy by 30%.
3. **Hand Written Form Analyzer**
   * **Description:** An OCR-based project designed to tackle the challenges of handwritten text recognition, making data entry and processing more efficient.
4. **City House Price Prediction Model**
   * **Description:** Developed a Linear Regression model using a Kaggle dataset to predict real estate prices in Bangalore.
   * **Outcome:** Enhanced market forecast accuracy by 20%. The project includes a detailed step-by-step model-building guide, providing a comprehensive resource for future projects.
5. **Covid-19 Tracker**
   * **Description:** A mobile application designed for pandemic data visualization, providing users with real-time updates and trends.
6. **Library Management System**
   * **Description:** Streamlined the management of book and student records in educational institutions, improving operational efficiency.
7. **Research Paper: 'Sales Navigator'**
   * **Published in:** International Journal of Scientific Research in Engineering and Management (IJSREM)
   * **DOI:** 10.55041/IJSREM31755

**Highlight of the Most Proud Creation**

Among all the projects I've worked on, the **City House Price Prediction Model** stands out as the creation I am most proud of. This project involved developing a Linear Regression model to predict real estate prices in Bangalore, utilizing a Kaggle dataset. The model increased market forecast accuracy by 20%, providing valuable insights into the real estate market. What makes this project particularly special is not just the accuracy it achieved, but also the comprehensive step-by-step model-building guide I created alongside it. This guide serves as a resource for future projects, demonstrating my commitment to knowledge sharing and continuous learning. The blend of practical impact and educational value makes this project a defining moment in my journey as a data scientist.