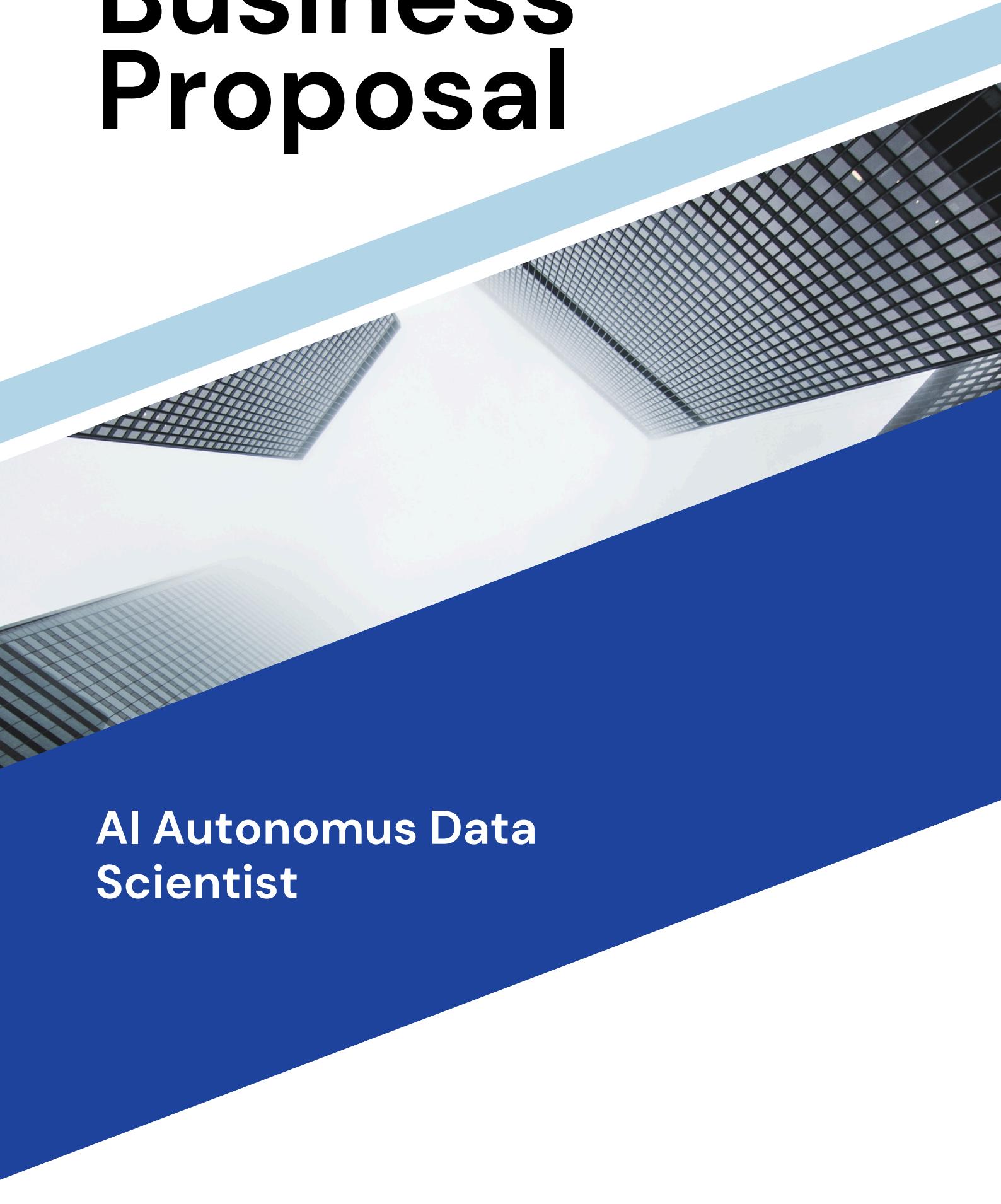




Business Proposal

A large, abstract graphic element occupies the lower half of the page. It consists of several diagonal bands: a light blue band at the top, followed by a white band, then a dark blue band at the bottom. The white band contains a faint, stylized profile of a person's head facing right. The dark blue band has a subtle grid pattern.

**AI Autonomus Data
Scientist**

Table of Contents

Introduction	03
Mission and Vision	04
Our Services	05
Our Approach	06
Case Studies	07
Project Timeline	08
Investment Required	10
Financial Projection	11
Contact Us	12

Introduction

In today's data-driven world, businesses and researchers heavily rely on data science to extract valuable insights, optimize operations, and drive decision-making. However, the complexity of programming languages like Python, R, and SQL creates a significant barrier for non-experts. While existing tools such as Jupyter Notebooks and Google Colab require manual coding, automated solutions like Google AutoML lack real-time, code-level customization and natural language support.

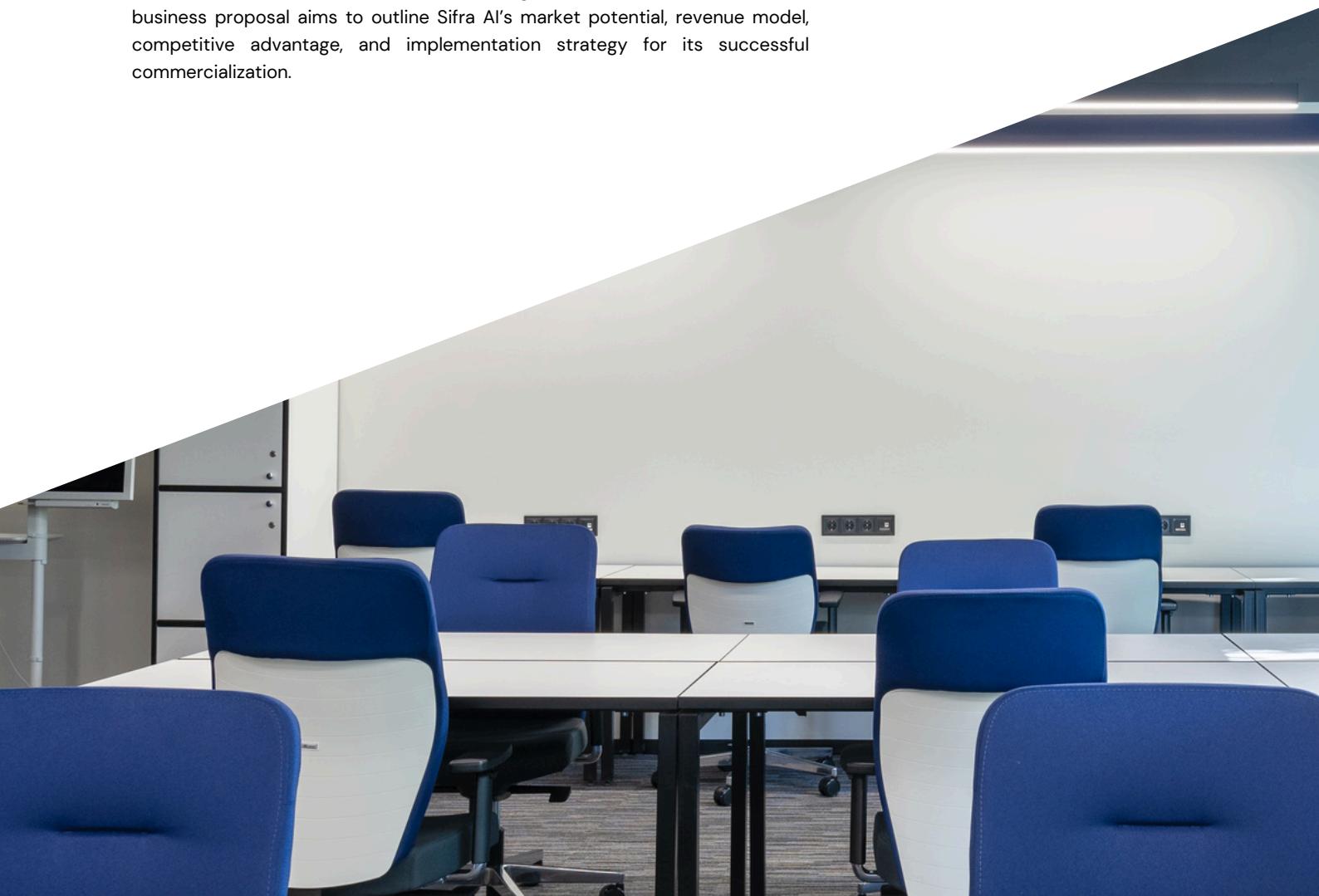
To address this gap, Sifra AI emerges as an innovative Autonomous Data Scientist that simplifies data analysis through AI-driven code generation. By allowing users to upload datasets, provide natural language queries, and receive accurate, step-by-step executable code, Sifra AI bridges the gap between technical expertise and accessibility.

With its Flutter-based cross-platform frontend and Firebase-powered secure backend, Sifra AI enables seamless, real-time execution of Python, R, and SQL queries. The platform automates repetitive tasks like data cleaning, visualization, and exploratory data analysis (EDA), making it an essential tool for businesses, researchers, students, and professionals.

By leveraging Natural Language Processing (NLP) and generative AI, Sifra AI democratizes data science, empowering users with minimal coding knowledge to harness the power of machine learning and advanced analytics. This business proposal aims to outline Sifra AI's market potential, revenue model, competitive advantage, and implementation strategy for its successful commercialization.



Sanket S. Patil
Founder & CEO



Mission and Vision

➔ Mission

Sifra AI aims to democratize data science by providing an AI-driven autonomous data scientist that empowers businesses, researchers, and non-technical users to analyze data efficiently. By leveraging Natural Language Processing (NLP) and Generative AI, Sifra AI simplifies complex data analysis, making advanced insights accessible, automated, and intuitive for everyone.

➔ Vision

To become the leading AI-powered data science assistant that revolutionizes the way people interact with data, eliminating the need for extensive programming knowledge. Sifra AI envisions a future where data-driven decision-making is effortless, inclusive, and highly efficient across industries such as finance, healthcare, education, and research.

Our Services

→ AI-Powered Code Generation

- Generate Python, R, and SQL code based on natural language queries.
- Automate data cleaning, transformation, visualization, and machine learning workflows.
- Real-time code execution with instant results.

→ Automated Exploratory Data Analysis (EDA)

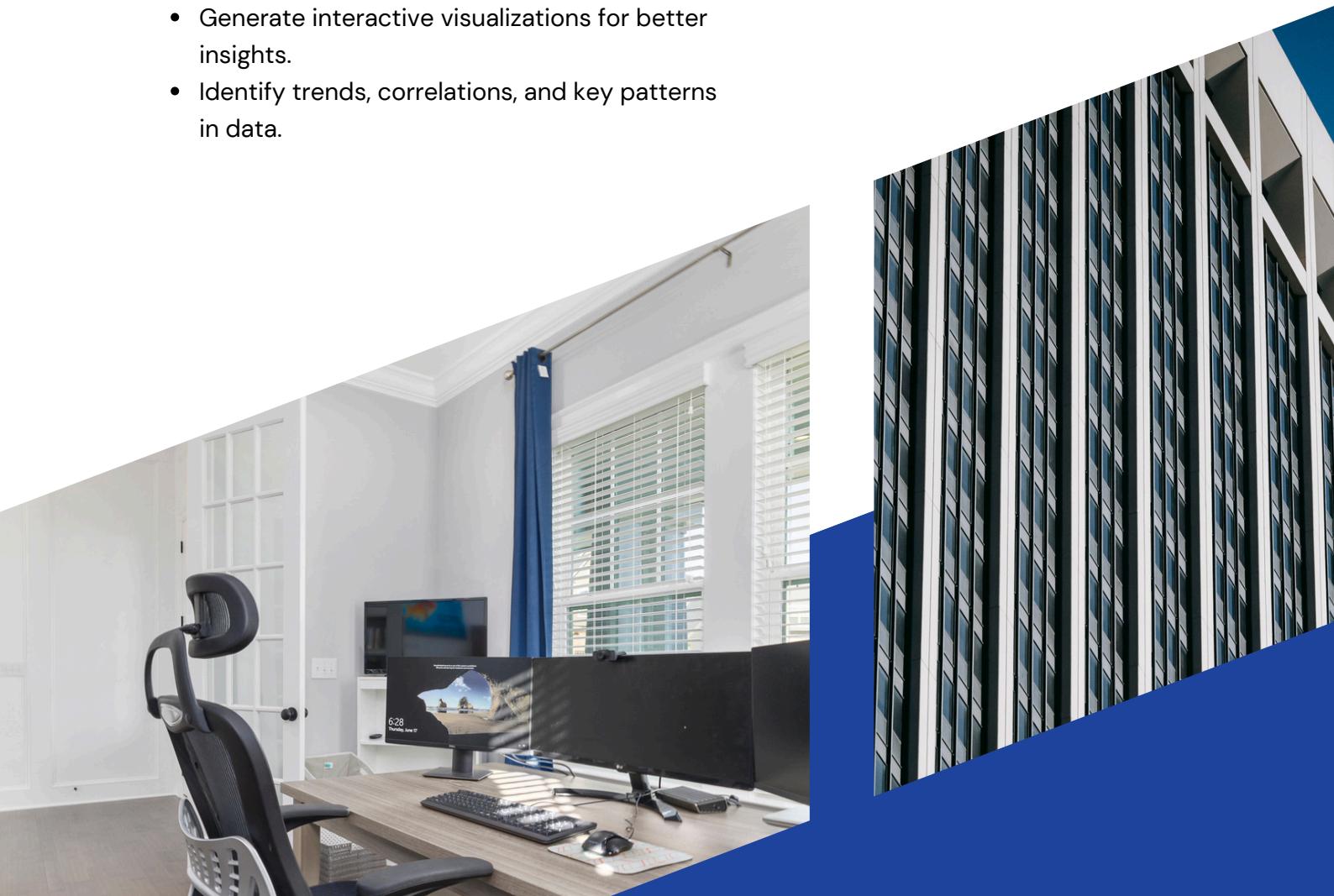
- Perform descriptive statistics, data profiling, and anomaly detection.
- Generate interactive visualizations for better insights.
- Identify trends, correlations, and key patterns in data.

→ Machine Learning Model Assistance

→ Secure Cloud-Based Data Management

→ Multi-Language Support & Cross-Platform Access

→ Business & Research Analytics Solutions



Our Approach



User-Centric AI-
Driven
Automation

Seamless
Integration &
Cross-Platform
Accessibility

End-to-End Data
Science
Assistance

Secure &
Scalable Cloud
Infrastructure

Case Studies

④ Challenge

- The company struggled with analyzing customer purchase patterns and optimizing inventory management. Their data team was limited, and non-technical managers found it difficult to extract meaningful insights without relying on data scientists.

④ Results

- ↗ 30% improvement in inventory planning accuracy.
- ⌚ 70% reduction in time spent generating reports.
- 💰 20% increase in revenue due to better demand forecasting and personalized marketing.

④ Solution

- ✓ Upload raw sales data (CSV format) without needing technical knowledge.
- ✓ Use plain English queries to generate Python and SQL scripts for data analysis.
- ✓ Automate customer segmentation, sales trend analysis, and demand forecasting.
- ✓ Visualize top-selling products, seasonal demand fluctuations, and customer behavior.



Project Timeline

⌚ Week 1–4

Planning & Team Formation

- Project blueprint & technical documentation
- Initial UI/UX wireframes

⌚ Week 5–10

AI & Backend Development

- Working AI model prototype
- Secure backend infrastructure
- API documentation

⌚ Week 11–16

Frontend Development & UI Integration

- Interactive UI with dataset upload & code execution
- Functional AI query interface

⌚ Week 17–20

Testing & Optimization

- Bug-free AI execution & NLP processing
- Scalable and optimized backend

Project Timeline

④ Week 21-24

Beta Launch &
Feedback

- Beta release with real-world feedback
- Pricing & business model validation

④ Week 25-26

Official Launch & Scaling

- Official product launch
- Marketing & partnership deals

Investment	Equity
4 CR Rupees	20-25%

**Investment
Required**

Financial Projections (Next Three Years)

→ YEAR 1

Revenue (INR)

5,00,00,000

→ YEAR 2

Revenue (INR)

12,00,00,000

→ YEAR 3

Revenue (INR)

25,00,00,000



Contact Us

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