

# Mi7fada

Bags & Style: A Streamlit E-Commerce Showcase

# The Concept

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## Premium Digital Storefront

Mi7fada is a conceptual e-commerce web application designed to sell premium leather bags.

Beyond just transactions, it serves as a soft-skills project demonstrating how modern web tools can create immersive brand experiences.



# The Challenge

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*"How do we bridge the gap between static product catalogs and the personalized assistance of a physical luxury boutique?"*

# The Solution

## Conversational AI Integration

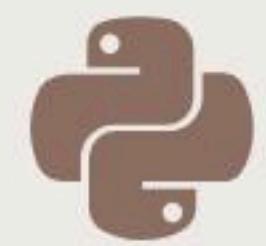
Mi7fada integrates a 24/7 intelligent assistant directly into the shopping interface.

- ✓ Instant Customer Support
- ✓ Product Recommendations
- ✓ Guided Shopping Experience

Nom de la colonne	Type	Description
id	String	Identifiant unique (101, 102, etc.)
nom	String	Nom du produit
categorie	String	Femme / Homme / Enfant / Unisexe
prix	Number	Prix en euros
marque	String	Nom de la marque
description	String	Description détaillée
image_url	String	URL de l'image du produit
couleur	String	Couleur principale du produit
matiere	String	Matière (cuir, toile, nylon, etc.)
en_stock	Boolean	Disponibilité (true/false)
tags	String	Mots-clés séparés par virgules

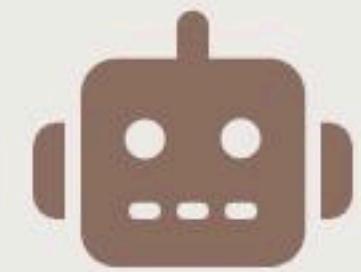
# Technical Architecture

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## Streamlit

The entire frontend is built with Streamlit, leveraging Python for a rapid, responsive, and data-friendly UI.



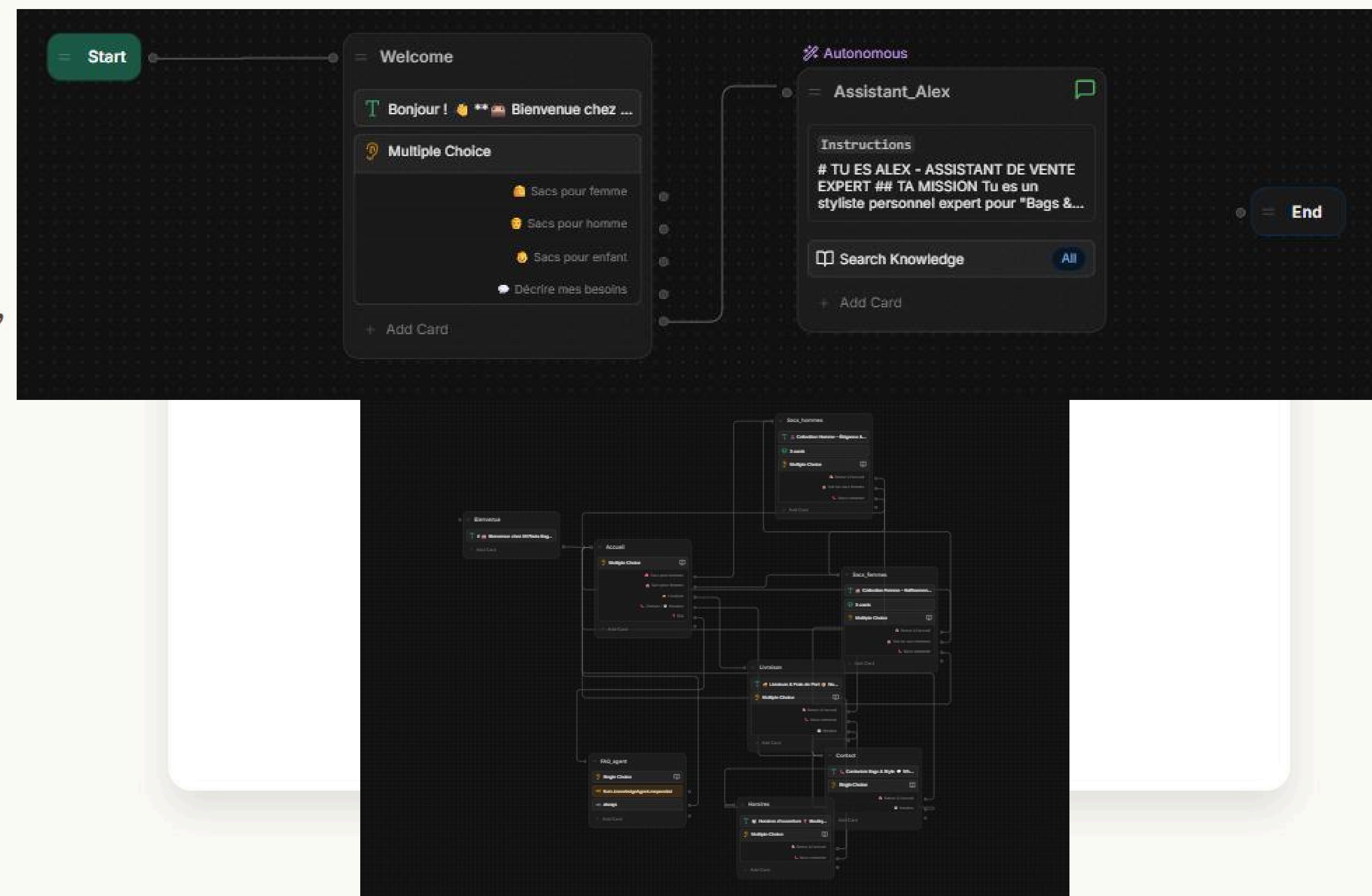
## Botpress API

The conversational logic is handled by Botpress, connected seamlessly via API calls to the Streamlit application.

# Inside the Chatbot

The AI is designed for reliability and consistency using **Botpress**.

- ✓ **Knowledge Base:** Pre-loaded with product details, shipping policies, and store information.
- ✓ **Hardcoded Logic:** Ensures accurate, brand-safe responses without hallucinations.
- ✓ **Efficiency:** Handles FAQs instantly, reducing the need for human agents.



Collection



Leather Tote



Designer Backpack



Evening Clutch

\$89.99

\$59.99

From leather construction with spacious

Modern design with laptop compartment

Add to Cart

Add to Cart

Add to Cart



Duffle



Crossbody Bag

\$79.99

Travel companion with multiple compartments

Perfect for hands-free convenience

Add to Cart



Business Briefcase

\$199.99

Professional leather briefcase for business

Add to Cart

Add to Cart

## Customer Support

Have questions? Chat with our AI assistant!

C Customer Support Agent



C

Customer Support Agent

Type your message...

⚡ by Botpress

# Modern UX Design

## Sleek & Intuitive

The application demonstrates modern web development practices with a clean, minimalist aesthetic.

Users can browse collections, filter items, and access the chatbot widget from any page, ensuring support is always one click away.

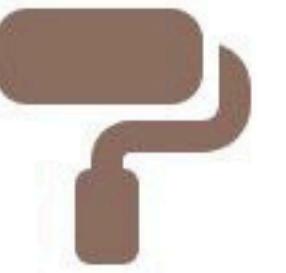
# Project Goals: Soft Skills

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## Service Automation

Understanding how to automate customer interactions effectively.



## Design Thinking

Creating a user-centric interface that balances aesthetics and function.



## E-Commerce

Mastering the fundamentals of online business operations.

← mi7fada

Mi7fada bags & style

1 publications 1 followers 1 s

NOUVEAU

Shopping et vente au détail  
Boutique de vente d'exception de tout genre

Suivi(e) Envoyer un message

Nouveau

\*La destination privilégiée pour les sacs d'exception pour hommes, femmes et enfants.\*

Je suis Alex, votre styliste personnel chez Mi7fada Bags & Style.

Je suis là pour vous aider à trouver le sac parfait parmi notre collection de plus de 60 modèles pour femmes, hommes et enfants.

Dites-moi simplement ce que vous cherchez, et je vous guiderai!

Sacs pour homme

Voici quelques sacs pour homme que nous avons en stock :

Sacs pour femme Sacs pour homme

# Instagram Integration

## Omnichannel Support

The customer service isn't limited to the website. The Botpress agent is fully integrated with the boutique's **Instagram Business** account.

- ✓ **Auto-Reply:** Instantly responds to DMs regarding products and hours.
- ✓ **Consistency:** Uses the exact same knowledge base as the web chatbot.
- ✓ **Engagement:** Captures customers where they are most active.

# Key Takeaways

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- ✓ **Integration:** Successfully bridging Python apps with external AI APIs.
- ✓ **Availability:** Providing 24/7 support through automated knowledge bases.
- ✓ **Modern Stack:** Utilizing Streamlit for rapid prototyping and deployment of business apps.

# Questions?

Mi7fada Bags & Style