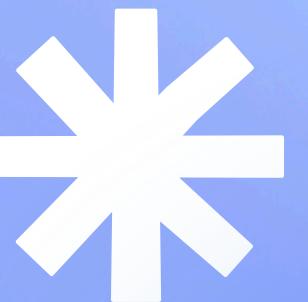


Brew
Master



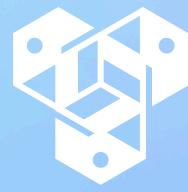
AI BREW MASTER



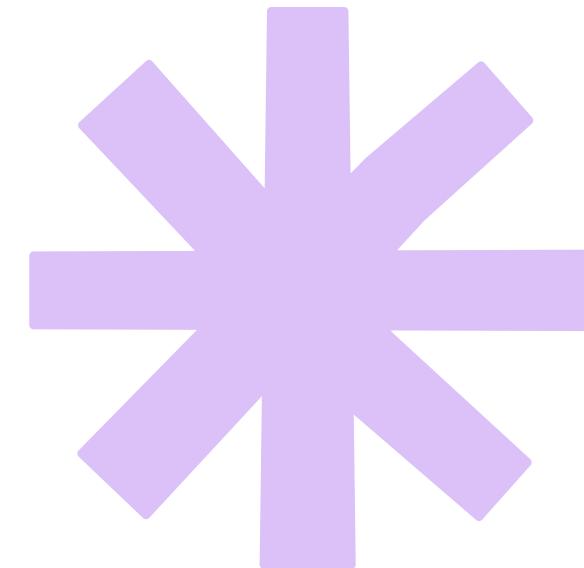
START-UP

Guide by:
Emily Maldonado

01/10



Agenda



- ✓ Problem Identification
- ✓ AI Solution- AI Brew Master
- ✓ Value Proposition
- ✓ Market Opportunity
- ✓ Competitor Analysis
- ✓ Differentiation & Uniqueness
- ✓ Impact & Vision/ Case study
- ✓ Credits



Problem Identification

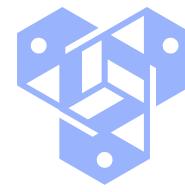
Craft breweries struggle with ingredient demand prediction, recipe optimization, and waste reduction due to fluctuating customer preferences, seasonal availability, and inconsistent supply chain logistics.

Small breweries face challenges in predicting ingredient demand and optimizing recipes, leading to excess waste, stock shortages, and inconsistent beer quality. AI BrewMaster helps brewers make data-driven decisions to streamline production and reduce waste.



Our Services

- AI-powered Demand forecasting
- Smart Recipe Optimization
- Real-Time Brewing Insights & Alerts



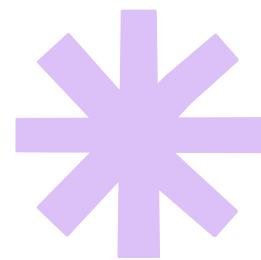
Brew
Master

AI BrewMaster leverages AI to analyze sales trends, seasonal factors, and brewing data to help craft breweries optimize ingredient usage, improve beer consistency, and reduce waste.

How it works:

Machine Learning

Predict demand based on historical sales, customer preferences, and trends.



Predictive Analytics

Suggest optimal brewing schedules and ingredient ordering times.

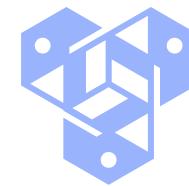
Optimize and Reduce

Optimize recipes using AI-powered analysis of brewing data. Reduce waste by recommending efficient brewing schedules and stock management.

Ingredients

Predict ingredient demand based on sales trends, weather, and seasonal events.

Solution
Understanding

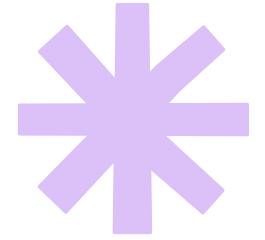
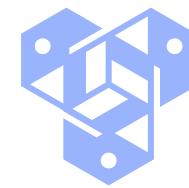


AI BrewMaster helps craft breweries minimize waste, optimize recipes, and streamline production through AI-powered demand forecasting and brewing insights, making brewing more efficient and profitable.

Four key points to consider before starting a business

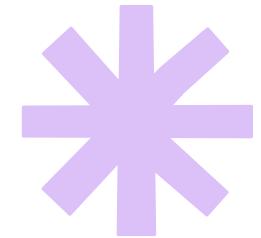
- Product Funding
- Market People

* Value Proposition



- Craft brewing market: Estimated to reach \$210 billion by 2028.
- Homebrewing market: Growing with over 1.1 million homebrewers in the U.S..
- B2B Potential: Microbreweries, brewpubs, and large breweries can use AI Brewmaster for quality control and efficiency.

Market Opportunity



Competitor Analysis

Competitor Analysis Table Example:

Feature	AI BrewMaster	Brewfather	BeerSmith	Ekos Brewery Software
AI-Powered Recipe Optimization	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No
Predictive Ingredient Demand	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
Real-Time Brewing Monitoring	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
Market Trend Analysis for Beer Styles	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No
Integration with IoT Brewing Equipment	<input checked="" type="checkbox"/> Future Feature	<input type="checkbox"/> No	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes

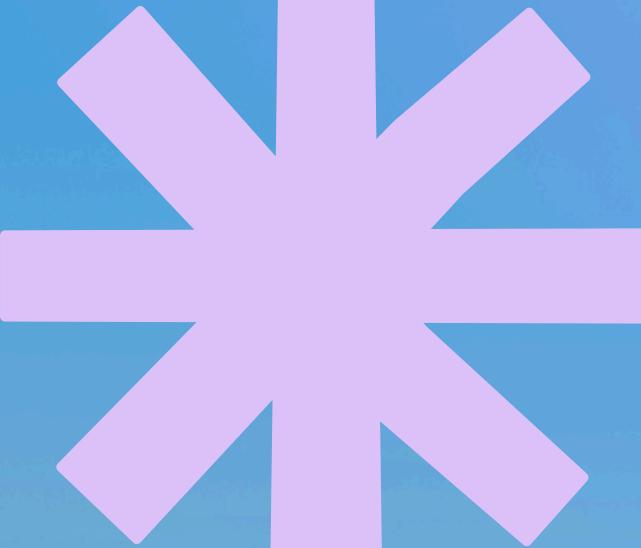
Why this helps?

It proves that AI BrewMaster is more advanced than traditional software by highlighting AI-driven predictive analytics, automation, and market intelligence.

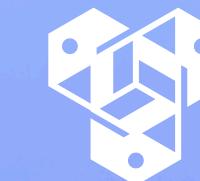


Differentiation and Uniqueness

- Unlike standard brewing software, AI Brewmaster learns and adapts based on user feedback, sensor data, and market trends.
- Integrated AI sensor analysis allows real-time brewing adjustments.
- Predictive analytics help breweries stay ahead of consumer preferences.



IMPACT AND VISION/ BREWERY SUCCESS STORY



Brew
Master

- **Short-Term Impact:** Reduce brew failures, improve efficiency, and assist new brewers in refining their craft.
- **Long-Term Vision:** AI Brewmaster becomes an industry-standard brewing assistant, integrating with IoT brewing equipment and online beer marketplaces.

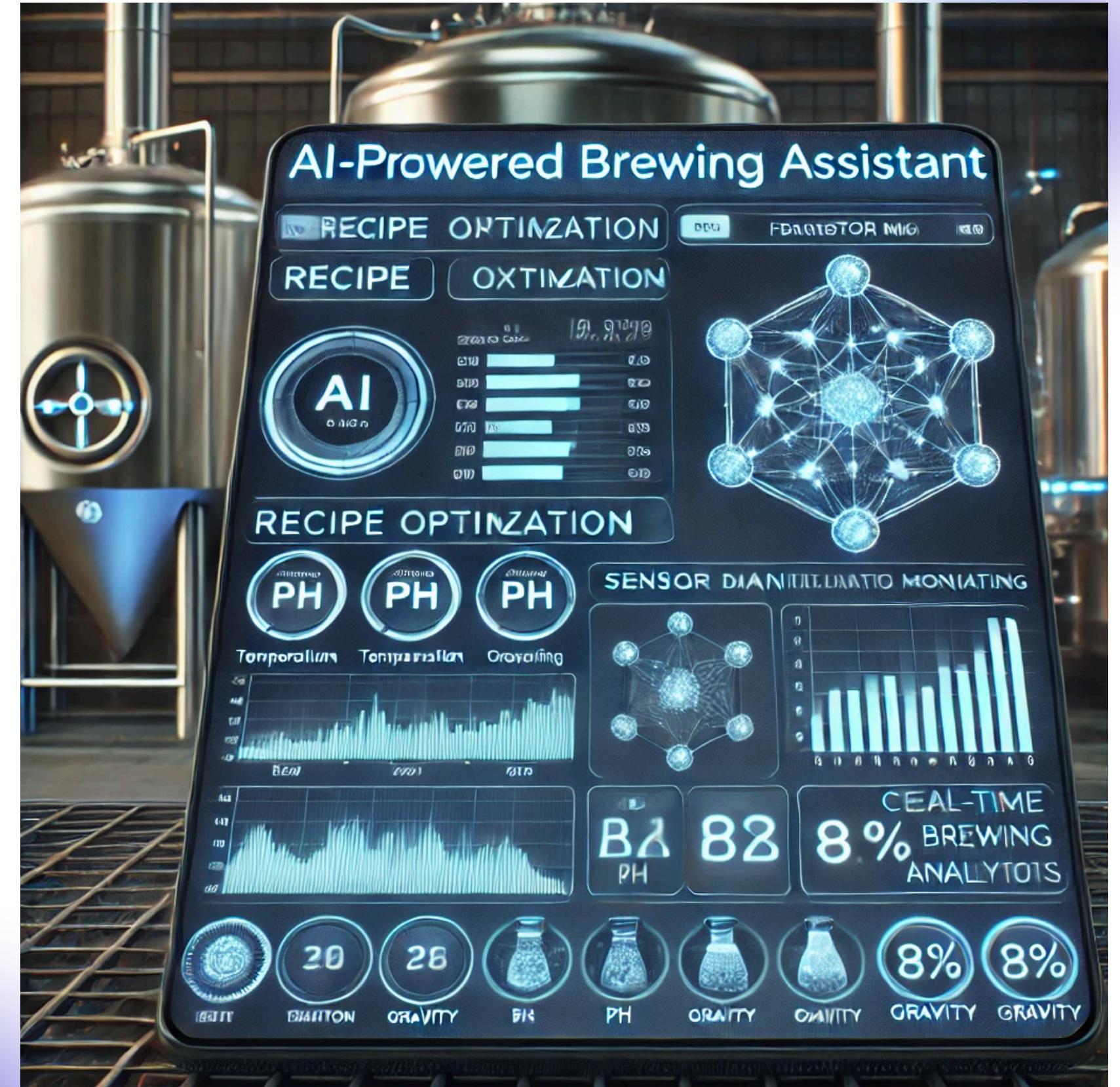
A craft brewery, Hoppy Haven, struggled with inconsistent batches and overstocking ingredients, leading to 12% wastage.

They implemented AI BrewMaster to improve production efficiency.

Results with AI BrewMaster:

- ✓ 15% Reduction in Ingredient Waste due to optimized demand forecasting.
- ✓ 20% Increase in Brewing Consistency as AI adjusted fermentation conditions.
- ✓ Better Market Adaptation as AI BrewMaster recommended trending beer styles based on social media analytics.

OUR PROTOTYPE





Brew
Master

**LET'S MAKE THE
IDEAS HAPPEN**



10/10