

Iowa Housing Price Project

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Content overview

01

The Problem

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Model score

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Add section title

06

Add section title

The Problem

1. Understand the Ames Housing dataset through EDA
2. Perform any data cleaning
3. Prepare a clean dataset for modeling
4. Make prediction using the model

Data Processing

- Filling in columns with 0
- Converting numeric columns to float64

Insights

Insight

- Insight 1

This is your mission statement, a chance to articulate your vision.

Explain what you do, why you do it, and who you do it for. Be concise.

Be confident.

Our mission

This is your mission statement, your chance *to articulate your vision*. In a few words, identify what you do, why you do it, and who you do it for. *Be concise. Be confident.*

Add a few words expanding on the above. You can explain why this mission is important to you and your company and how you'll achieve it.

Revenue model

00%

Revenue stream 1

Define how you'll generate income from this source. Identify relevant pricing or channels.

00%

Revenue stream 2

Define how you'll generate income from this source. Identify relevant pricing or channels.

00%

Revenue stream 3

Define how you'll generate income from this source. Identify relevant pricing or channels.

00%

Revenue stream 4

Define how you'll generate income from this source. Identify relevant pricing or channels.

00%

Revenue stream 5

Define how you'll generate income from this source. Identify relevant pricing or channels.

“Add a quote that captures your *mission statement*. Announce the impact you want to achieve and who you aim to help. Show where your *company is heading*, the ultimate goal.”



Full Name

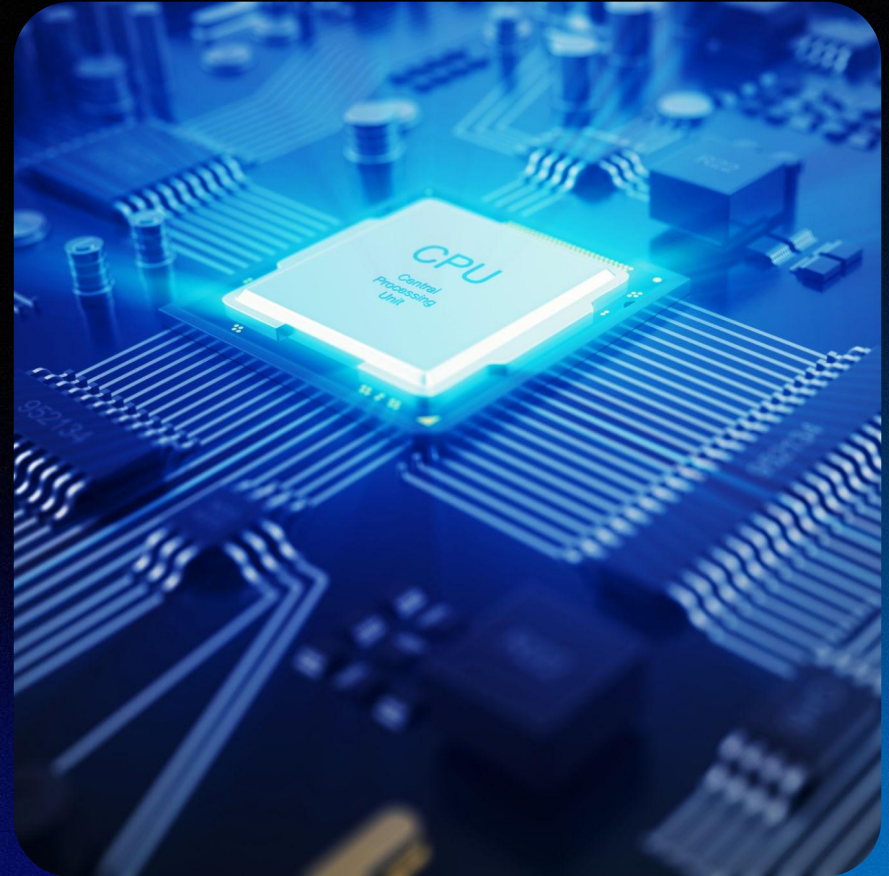
Title

The problem

Consider your brand and customer segments. Explain why you're ideally positioned to reach them.

What pain point are you tackling? What gap are you going to fill?

Briefly describe the impact of the problem and why people should care.



The solution

Explain what your company or product does, and why it's critical in the current market.

01

Value proposition

Describe a key benefit that your company, product, or service offers customers.

02

Value proposition

Define what distinguishes your company, product, or service from what's available.

03

Value proposition

Identify your customers and how you'll connect to their behaviors and needs.

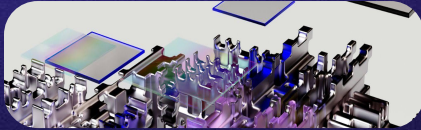
04

Value proposition

Copy this slide and add as many items as necessary to fully outline your company's value.

Objectives

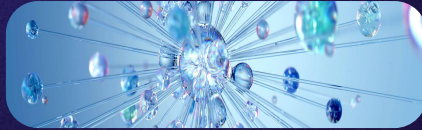
Write a *confident statement* defining what success looks like to your company.



Introduce a specific business objective

To establish how you'll measure success, identify your key performance indicators (KPIs) and list them:

- KPI 1
- KPI 2
- KPI 3



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Audience

Write a keen insight about your persona or target audience.



Needs and motivations

What does your persona want to achieve? What are their goals?



Pain points

Identify an obstacle that your persona struggles with. What interferes with their needs and motivations?



How we can help

Explain where your product or service fits.



Full Name

Introduce your audience persona. Highlight some key traits and mention their age, profession, and location.

Audience

“Quote the persona on their needs and wants. This can be a fictional line or an excerpt from a real user interview.”



Bio

Introduce your persona. Explain who they are and where they come from. Think about a hypothetical user or customer who represents an audience segment.

Current emotions

Anxious

Optimistic

Nervous

Enthusiastic

Goals

- What do they want to achieve and why?
- What do they want to achieve and why?
- What do they want to achieve and why?

Age

00

Occupation

Job title

Status

Single

Education

College degree

Location

Place Name

Archetype

Book club

Personality

Extrovert

Introvert

Spontaneous

Planner

Collaborative

Independent

Frustrations

- What is keeping them from achieving their goals?
- What is keeping them from achieving their goals?
- What is keeping them from achieving their goals?

Competitive landscape

Write a high-level insight about the competitive ecosystem.

	COMPETITOR 1	COMPETITOR 2	COMPETITOR 3	COMPETITOR 4
FEATURES	<ul style="list-style-type: none">List the features of this product or serviceAdditional features	<ul style="list-style-type: none">List the features of this product or serviceAdditional features	<ul style="list-style-type: none">List the features of this product or serviceAdditional features	<ul style="list-style-type: none">List the features of this product or serviceAdditional features
STRENGTHS	<ul style="list-style-type: none">Point out the strengths of this product or serviceAdditional strengths	<ul style="list-style-type: none">Point out the strengths of this product or serviceAdditional strengths	<ul style="list-style-type: none">Point out the strengths of this product or serviceAdditional strengths	<ul style="list-style-type: none">Point out the strengths of this product or serviceAdditional strengths
WEAKNESSES	<ul style="list-style-type: none">Call out the weaknessesAdditional weaknesses	<ul style="list-style-type: none">Call out the weaknessesAdditional weaknesses	<ul style="list-style-type: none">Call out the weaknessesAdditional weaknesses	<ul style="list-style-type: none">Call out the weaknessesAdditional weaknesses

The opportunity

Based on your competitive analysis in previous slides, describe the growth opportunities for your business. Write a comprehensive claim here, then break it down into individual learnings.

01

Key learning 1

Go deeper into a specific insight from the competitive analysis and what it means for your business.

02

Key learning 2

Point to the gap your product will fill and explain how your business can claim that space.

03

Key learning 3

Consider your brand and customer segments. Explain why you're ideally positioned to reach them.

Market analysis

Provide key insights into the state of the market. Share your company's perspective on where the market has been and where it's headed.

00%

Add a few words to explain this metric

00+

Add a few words to explain this metric

00M

Add a few words to explain this metric

00%

Add a few words to explain this metric

Add any additional context about forces or factors influencing the market and how your business is responding to the challenges.

Market analysis

Context

Provide some insight into the state of the market today. Describe any challenges, forces, or factors influencing the market. Share your company's perspective on where the market has been and where it's headed.

Market value	00
Historic growth rate	00
Projected growth rate	00
Cost of entry	00

Customer segments

Segment 1	Segment 2
Segment 3	Segment 4

Key players

Competitor brand	Competitor brand	Competitor brand	Competitor brand	Competitor brand
------------------	------------------	------------------	------------------	------------------

Pricing strategy

Market	Price point		
	High	Medium	Low
	Premium		
	Mid-level		
	Economy		

Business model

Clearly outline your business model. This is how you'll create, deliver, and capture value.

Cost structure

What are the major costs of your proposal? Think about salaries, rent, or marketing.

- Expense 1
- Expense 2
- Expense 3

Revenue streams

Outline how you plan to generate revenue through sales, subscriptions, or other methods.

- Stream 1
- Stream 2
- Stream 3

Customer segments

Use this space to restate or prioritize specific customer segments, depending on your business model.

- Customer segment
- Customer segment
- Customer segment

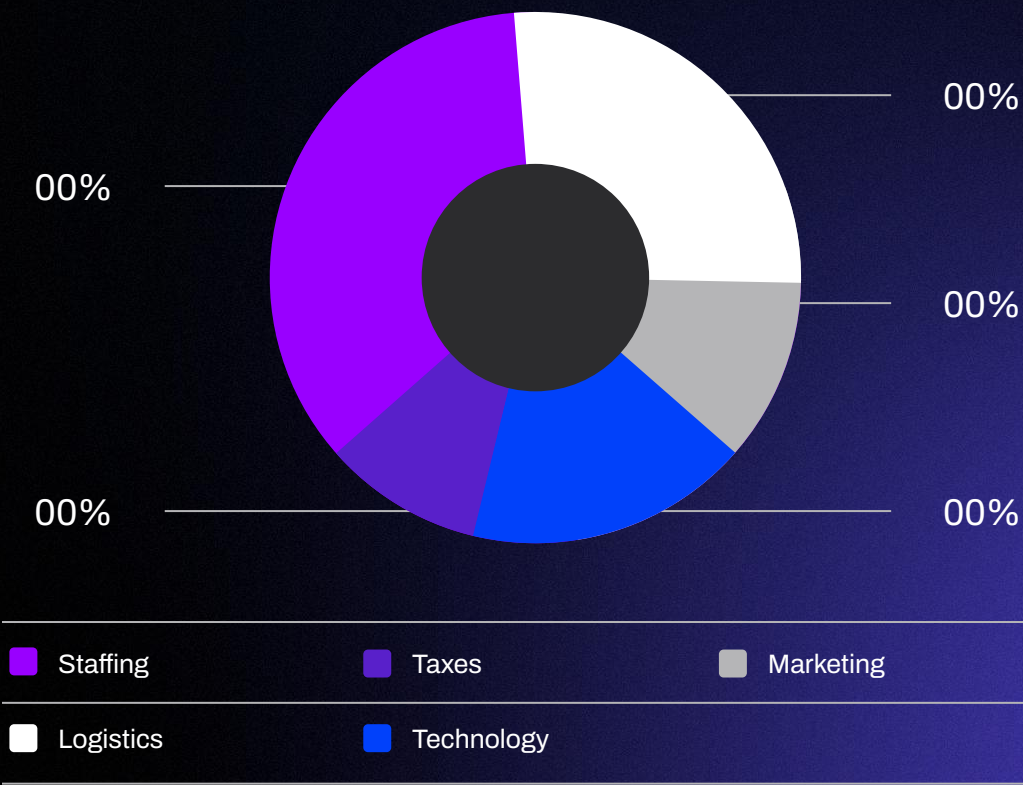
Key activities

What are the core activities your company undertakes to deliver its value proposition? Think about production, research, or fabrication.

Key partnership

Who are your key partners or suppliers? What resources do they provide? How do they contribute to your business model?

Cost structure



00%

Estimate potential cost savings in an area or department.

00%

Add any other potential cost savings in an area or department.

If you anticipate changes to your expenses, mention the impact to your cost structure here.

Key activities

Primary activity name

Describe the core activity of your business – in other words, how you create and deliver your products or services.

This might be manufacturing, product design, software engineering, customer service, marketing, or project management.

Support activity name

Break down your primary activity into the additional activities required to successfully deliver your value propositions. These should all contribute to your core business function.

Support activity name

Think about your everyday operations. For example, if your primary activity is software engineering, your support activities may be customer support, software integration, or maintenance.

Support activity name

Show your audience what a day in the life of your organization looks like. Help them understand what's required to do what you do. You can also mention the teams or specialized roles involved in each activity.

Customer segments

Define your target audiences and how you'll speak to them

Target audience 1

Describe a target audience or customer group you want to reach. Identify their traits, values, behaviors, or preferences.

Target audience 2

While your user personas represent ideal individual customers, segments represent a wider range of people who share certain characteristics.

Target audience 3

Think about how each target audience or segment relates to your product or service, why they need it, and how they'll use it.

Target audience 4

Refer back to your user personas and point out what segments they belong to. This will help your presentation feel more interconnected.

Target audience 5

For example, a tech-savvy user persona might fall into a broader Tech Enthusiast or Industry Professional audience segment.

Operational plan

Announce your vision for scaling operations.

01

Step title

Define your first goal toward making your business more productive and efficient.

02

Step title

Identify what you'll focus on next to help your team work together and grow your operations.

03

Step title

Describe the outcome you want to achieve next. Provide any relevant details about how you'll get there.

04

Step title

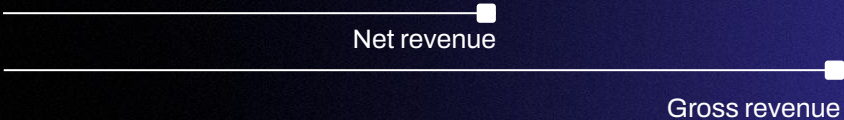
Bring it all together. Share how you'll evaluate, maintain, and advance your operations for long-term sustainability.

Financial data

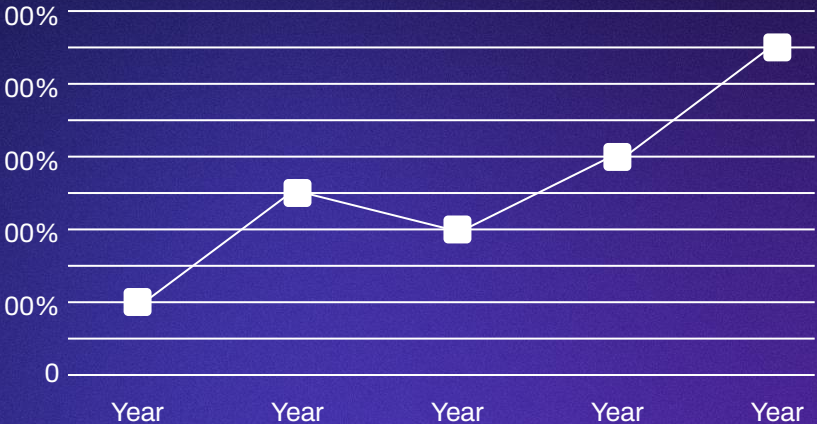
Evaluate your revenue trajectory relative to your goals.

Yearly revenue

\$00



Revenue growth



Invite your audience to learn more about your organization and to keep in touch.

Contact

Full Name

Title

name@example.com

Website

Invite your audience to learn more
about your organization and to keep
in touch.

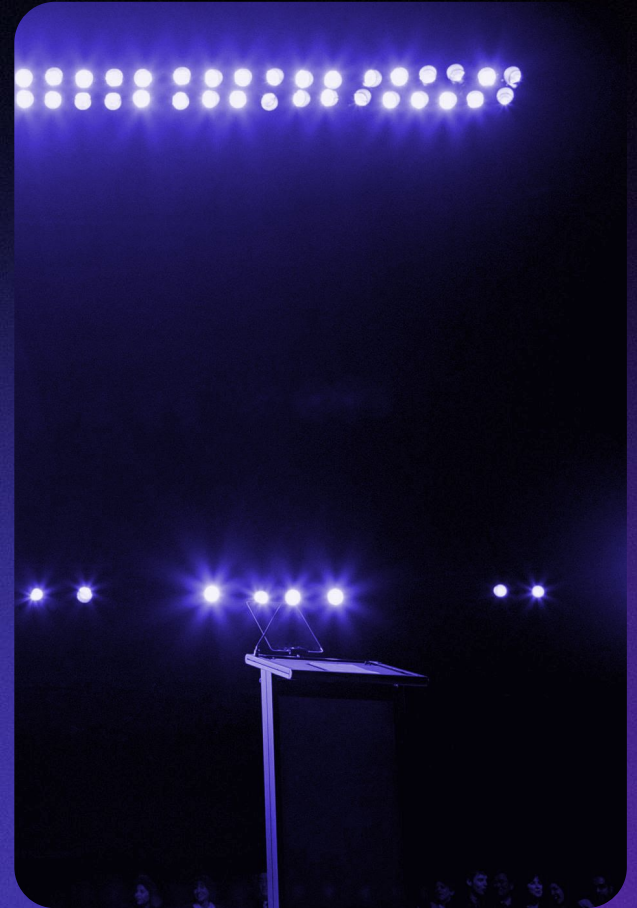
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Thank you!

Contact

Date