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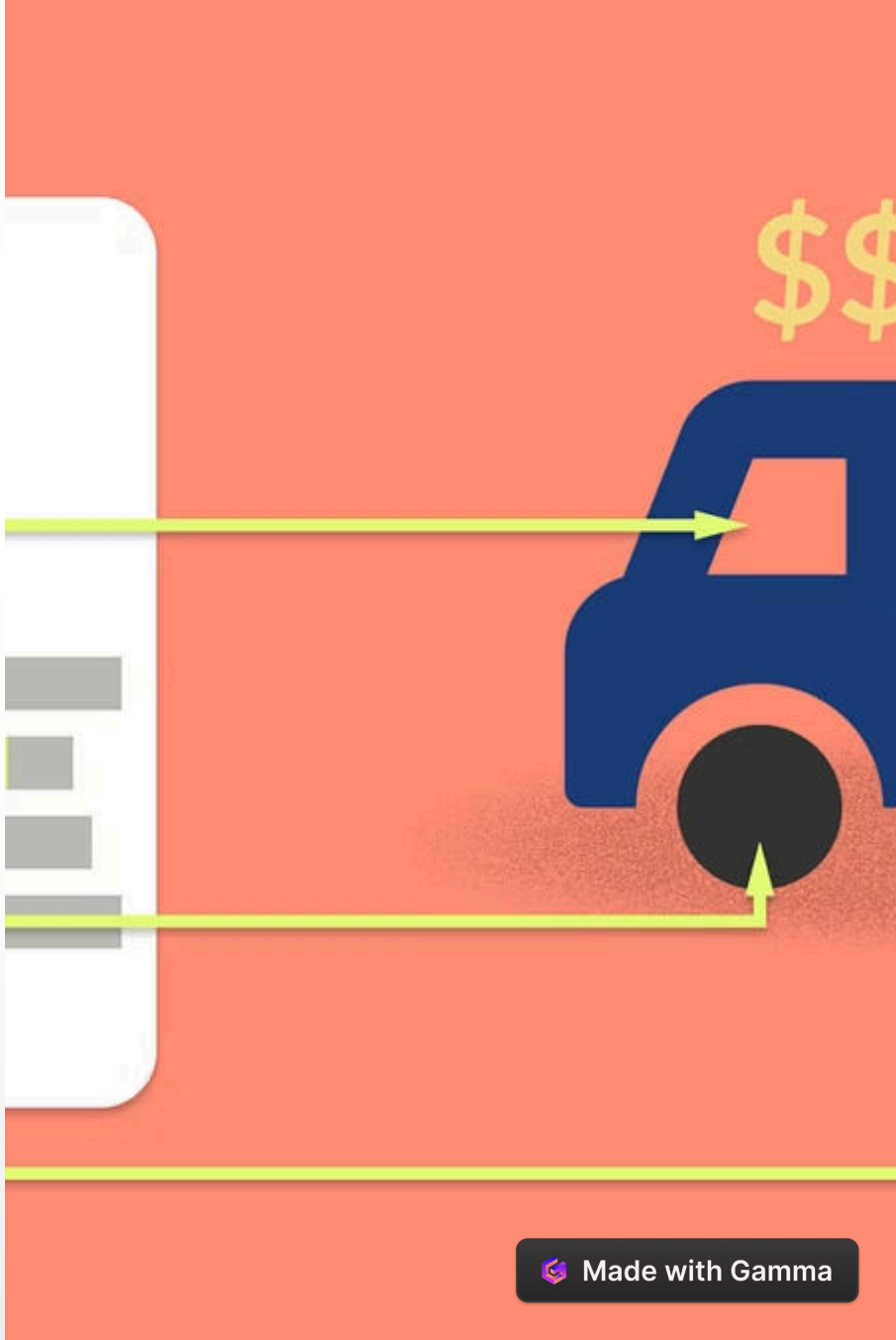
FINAL PROJECT

Car Price Prediction Using Linear Regression

Our project aims to predict car prices using linear regression. We will analyze various features such as mileage, brand, and model year to provide accurate price estimates.



YOUR LOGO HERE

Meeting Name

AGENDA

Date

Time

Place of Meeting

- Call to Order
- Roll Call
- Approval of Previous Meeting Minutes
- Chairperson's Report
  - Monthly status
  - Update on volunteer activities
- Treasurer's Report
  - Budget Overview
  - Dues Update
- Old Business
  - Status of landscaping bids
  - Status of water quality control
- New Business
  - Possible pending litigation
  - Other new business
- Calendar
- Adjournment

Agenda

Problem Statement

Increased Car Pricing

Fluctuating economic conditions have led to unpredictable car prices, making it challenging for buyers to make informed decisions.

Price Transparency

Existing price listings lack transparency and often do not reflect the true value of a vehicle, leading to buyer hesitation.

Market Competition

Fierce competition among car sellers has resulted in price variations, impacting buyers' trust and confidence in the market.

Project Overview

1 **Data Collection and Cleaning**

Gathering and preparing a comprehensive dataset of car features and prices to ensure accurate model training.

2 **Model Training and Testing**

Using linear regression to build and validate the predictive model, ensuring it accurately reflects real-world car prices.

3 **Results Analysis**

Interpreting model outcomes to provide insights into influential factors that affect car pricing.

Who are the End Users?

Car Buyers

Seeking accurate and reliable information to make informed decisions about purchasing a vehicle.

Car Sellers

Understanding market trends and accurate price estimates to optimize listing and selling strategies.

Car Enthusiasts

Exploring data-driven insights into car pricing and market dynamics for personal interest and knowledge.

Your Solution and Its Value Proposition

1

Data Gathering

Obtain comprehensive car data from reliable sources to ensure model accuracy.

2

Model Development

Apply robust linear regression methods to create a precise pricing model.

3

User Interface Implementation

Building an intuitive platform to offer seamless access to price predictions for users.

The Wow in Your Solution

Accurate Predictions	Transparent Insights
Real-time Data	User-friendly Interface

Modelling

1

Feature Selection

Identify crucial car attributes influencing the overall price.

2

Data Preprocessing

Clean, transform, and prepare the dataset for model training.

3

Model Training

Utilize linear regression to develop an accurate price prediction model.

Results

Accurate Pricing Models

Developing reliable models that reflect real-world car prices with high precision.

Market Insights

Providing data-driven insights into car pricing dynamics and market trends.

User Engagement

Engaging users with interactive and informative price prediction tools and resources.