



FIRST LEGAL AID

TEAM 3

OUR TEAM



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Client's Story

Over 50% of individuals in the US face legal issues, yet 77% perceive lawyers as unaffordable due to high fees and lack of transparency which **make them avoiding legal assistance**. Availability of free online resources **undermines the perceived value of hiring lawyers**, while negative past experiences deter potential clients, impacting trust and engagement.

Here's the story of one of our potential clients, Annie, and see how we can help.

- Annie is 19-year-old and studies at a language school at Boston.
- Annie rent a apartment with a deposit and moved out after the lease finished recently.
- But, the landlord refused to return the deposit for no reasons.
- Annie is helpless due to language, visa issue and little knowledge of US law.
- Annie does not even know the first step to deal with the landlord.



Root-cause Analysis

Problem Statement:
How can we enhance the accessibility of appropriate legal services for underrepresented individuals?

Economic Barriers

- High Legal Fees
- Lack of Price Transparency
- No Small-claims Advisory

Informational Barriers

- Complex Legal Jargon
- Informational Barriers

Psychological Barriers

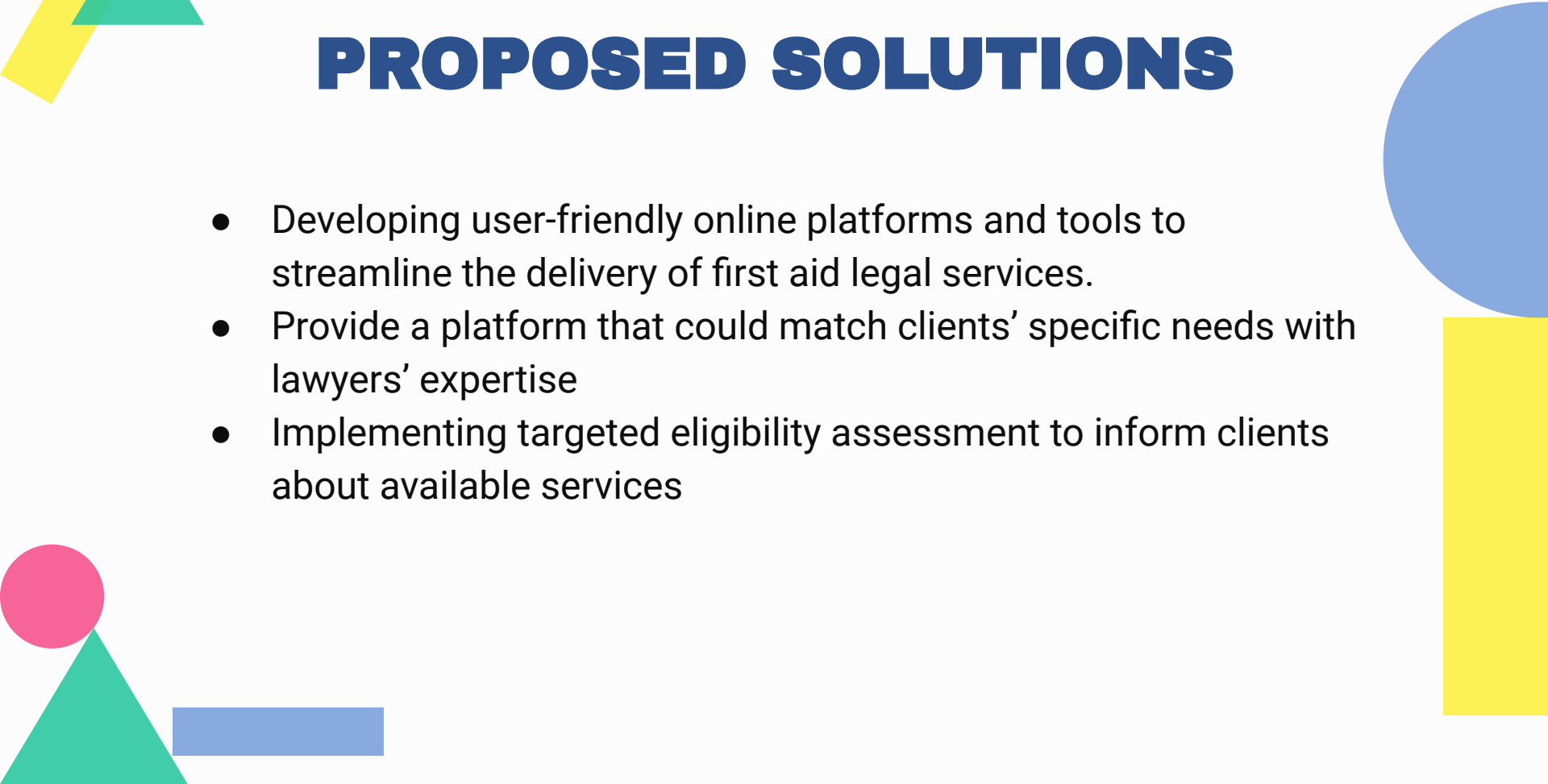
- Language and Cultural Differences
- Visa and Immigration Status Concerns

Social and Cultural Barriers

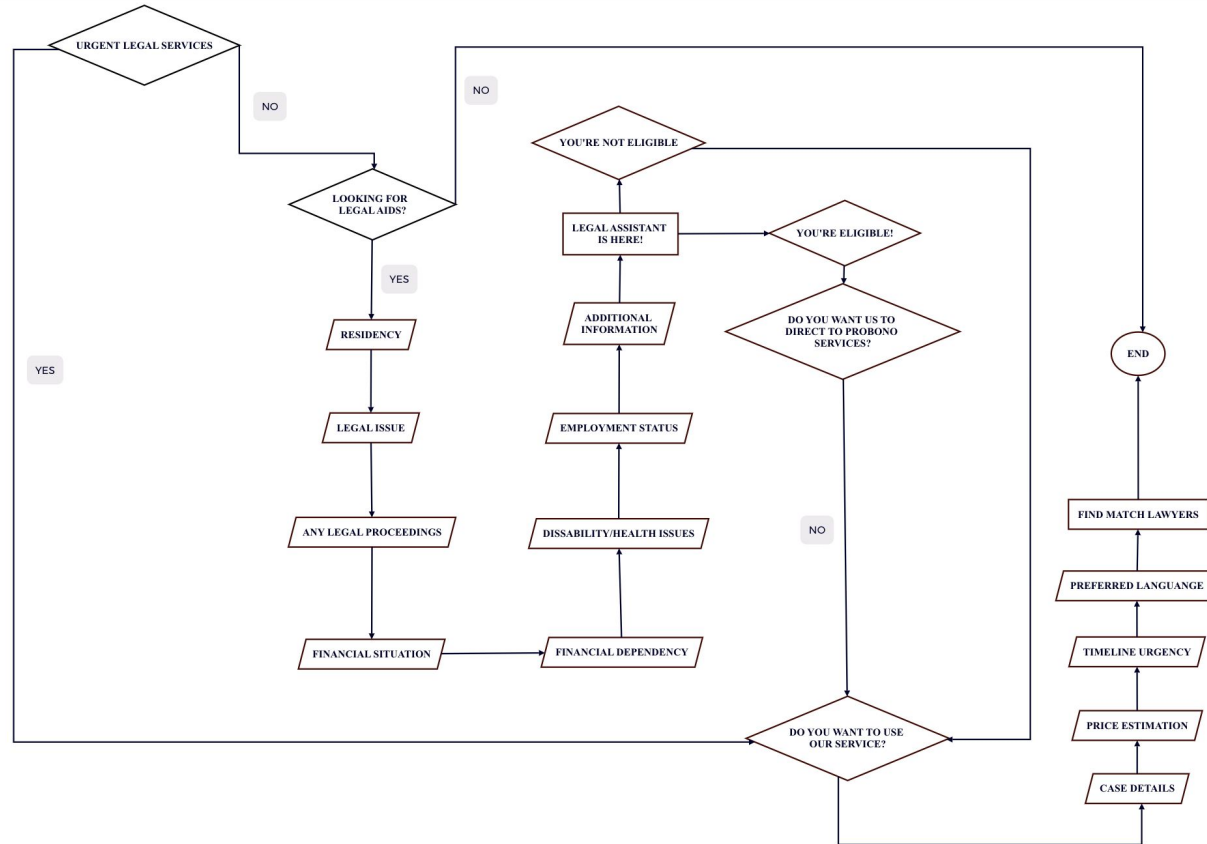
- Distrust to Past Experiences
- Perceived Value vs Free Resources



PROPOSED SOLUTIONS

- Developing user-friendly online platforms and tools to streamline the delivery of first aid legal services.
 - Provide a platform that could match clients' specific needs with lawyers' expertise
 - Implementing targeted eligibility assessment to inform clients about available services
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ALGORITHM FLOWCHART: HOW WE THINK THIS CAN BE ACHIEVED MANUALLY



LOGIC BEHIND ALGORITHM: ARE YOU ELIGIBLE FOR PRO-BONO SERVICES?

Net Income not exceeding 125% of the Federal Poverty Level; civil legal issues

Legal Services Corporation (LSC) Program

Income, Legal Issue Type, Geographic Restrictions

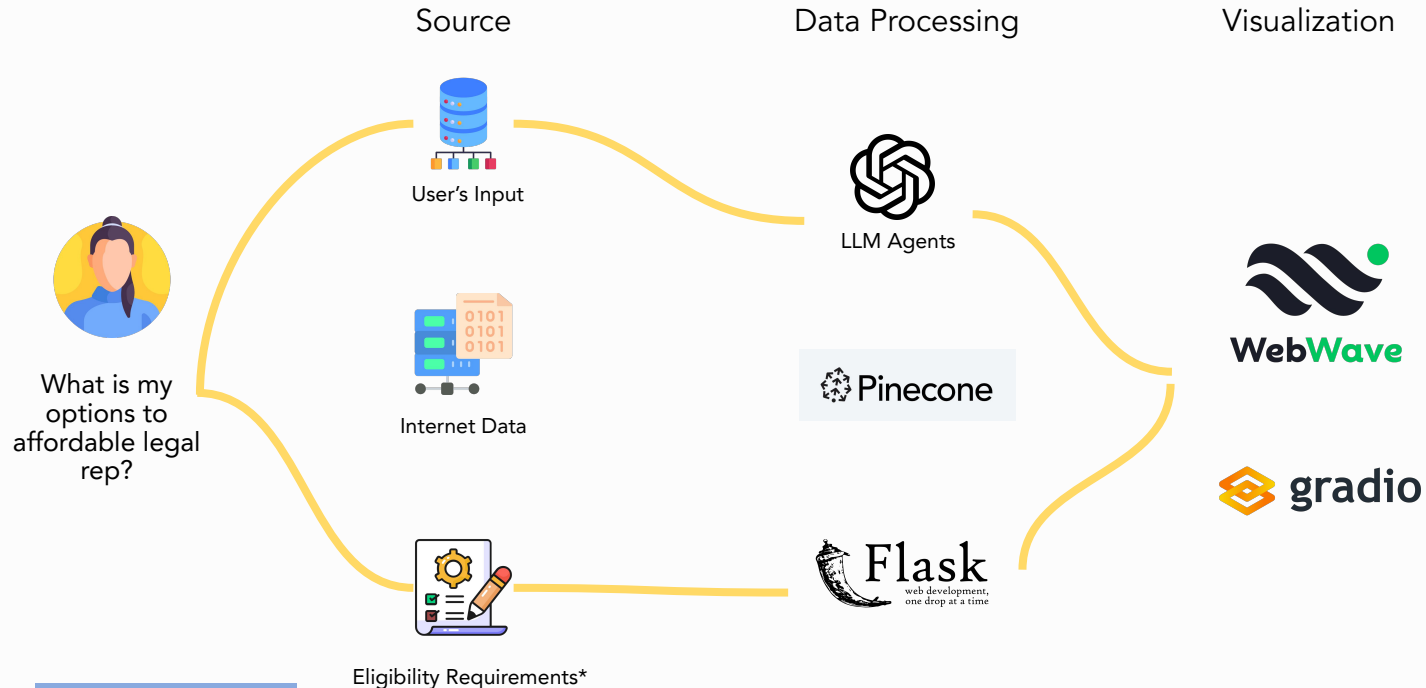
Volunteer Lawyers Network



American Bar Association

Varies by state; generally for low income individuals with civil legal questions

HOW WE SOLVE IT DIGITALLY: SOLUTION ARCHITECTURE



WEBSITE

[Home page](#)[About us](#)[Chatbot](#)

First Legal Aid

Empowering justice seekers, connecting with legal help. Your journey to justice starts here.

[Check offer](#)

CHATBOT INTERFACE

Hello! Before chatting, we want to know more about you, which helps providing you more pertinent suggestions. Where are you currently residing, and how long have you lived there?
queens, 5 years
Can you describe the legal issue you need help with?
eviction, kicked out by landlord
Are you currently involved in any legal proceedings? If yes, please specify.
no
Have you sought legal help before for this issue? If so, what was the outcome?
no
What is your current financial situation, and do you have any proof of income?
broke
Do you have any dependents or anyone financially dependent on you?
Father and mother
Do you have any disabilities or health issues that impact your legal situation or need for assistance?
no
What is your current employment status?
unemployed
Do you need legal aid urgently?
no
Additional information you want to share?
no
Your First Legal Kit assistant is now online. Now let's chat now!
Please type what you want to say, or type 'quit' to end the conversation.
Model is reading relevant information and thinking...
The response is missing details on: reason for eviction, timeline of events, legal notices, communication attempts
Please type what you want to say, or type 'quit' to end the conversation.
They claimed that I had done "illegal activity" when I was recording for my vlog, then I received notice period in which I have to pay or quit - pay the penalty fee or quit the apartment.
Model is reading relevant information and thinking...
The response is missing details on: communication attempts
Please type what you want to say, or type 'quit' to end the conversation.
I tried to negotiate with, but failed.
Model is reading relevant information and thinking...
It's important to note that previous attempts to negotiate with the landlord and the outcome can also be considered when assessing eligibility for pro bono services. If the user has tried to negotiate but was unsuccessful, it may further support their need for legal assistance. It's always best to seek help from legal professionals in such situations to ensure your rights are protected.
Please type what you want to say, or type 'quit' to end the conversation.
do you think I am eligible for probono program?

Model is reading relevant information and thinking...
Based on the information provided, it appears that you may be eligible for pro bono services based on your financial situation, current legal issue, and lack of previous legal issues. It's recommended to reach out to the Legal Services Corporation (LSC) Programs and the American Bar Association Free Legal Answers to inquire about your eligibility and seek assistance with your eviction case. Remember to provide them with all the relevant details to receive the most accurate guidance and support.
Please type what you want to say, or type 'quit' to end the conversation.

IMPACT/BENEFIT ANALYSIS TARGETED USERS

- **Total Addressable Market (TAM)**

In the US, 66% of the population experienced at least one legal issue in the past four years, with just 49% of those problems having been completely resolved*. If we consider 66% of the US population as the TAM, it would be approximately 219 million people. This accounts for a larger portion of the population who might face legal issues at some point in their lives.

- **Serviceable Available Market (SAM)**

Assuming you can effectively reach 20% of the TAM as mentioned before, the SAM would be around 43.8 million potential customers.

- **Serviceable Obtainable Market (SOM)**

Using a conversion rate of 1% from the SAM.

*<https://iaals.du.edu/blog/new-study-reveals-full-extent-access-justice-crisis-america#:~:text=The%20results%20of%20the%20survey.problem%20having%20been%20completely%20resolved.>



438,000

POTENTIAL CUSTOMERS IN THE US



COMPETITORS ANALYSIS



More affordable than paying for legal services on an ad-hoc basis. But:

Subscription Commitment

- Must commit to a **MONTHLY** subscription fee, regardless of whether they use the legal services regularly.

Scope Limitations

- For specialized or complex legal issues, subscribers may still need to seek **EXTRA** legal assistance outside.



Avvo provides ratings and reviews of lawyers based on client feedback, peer endorsements, and other factors. But:

Accuracy of Ratings

- Avvo's lawyer ratings and reviews may not always accurately reflect a lawyer's abilities or reputation. Ratings can be influenced by a **VARIETY** of factors.

Limited Ability to Respond Timely

- Avvo primarily focuses on connecting users with lawyers and providing legal information, but it may not cover all legal needs in a timely manner..

NEW TO CLEARINGHOUSE, RECOMMENDED, RESEARCH

✓ RECOMMENDED

Can't Afford an Attorney? Virginia Law Tells Poor People To Pay Anyway

Ability to Pay, Counsel Fees, Right to Counsel | Virginia
December 13, 2023

HIGHLIGHTS
Between FY2019 and FY2023, Virginia state courts annually imposed over \$34.7 million in court-appointed attorney fees.

The U.S. Constitution requires that the government ensures people can have an attorney if accused of criminal charges that can draw jail time. In Virginia, a defendant with a very low income—below 125 percent of the federal poverty level—who is facing jail time will qualify for a court-appointed attorney or public defender. However, those same low-income Virginians are later charged recoupment fees post-conviction or after agreeing to deferred disposition. This court debt can accumulate thousands of dollars, leading to severe penalties. This report describes the current system in Virginia, its problems and provides recommendations for reform.

THANKS!

Do you have any questions?

Environmental Law Students Are Behind a Movement to Protect Underrepresented Communities

By Kelsey Landis - June 24, 2019

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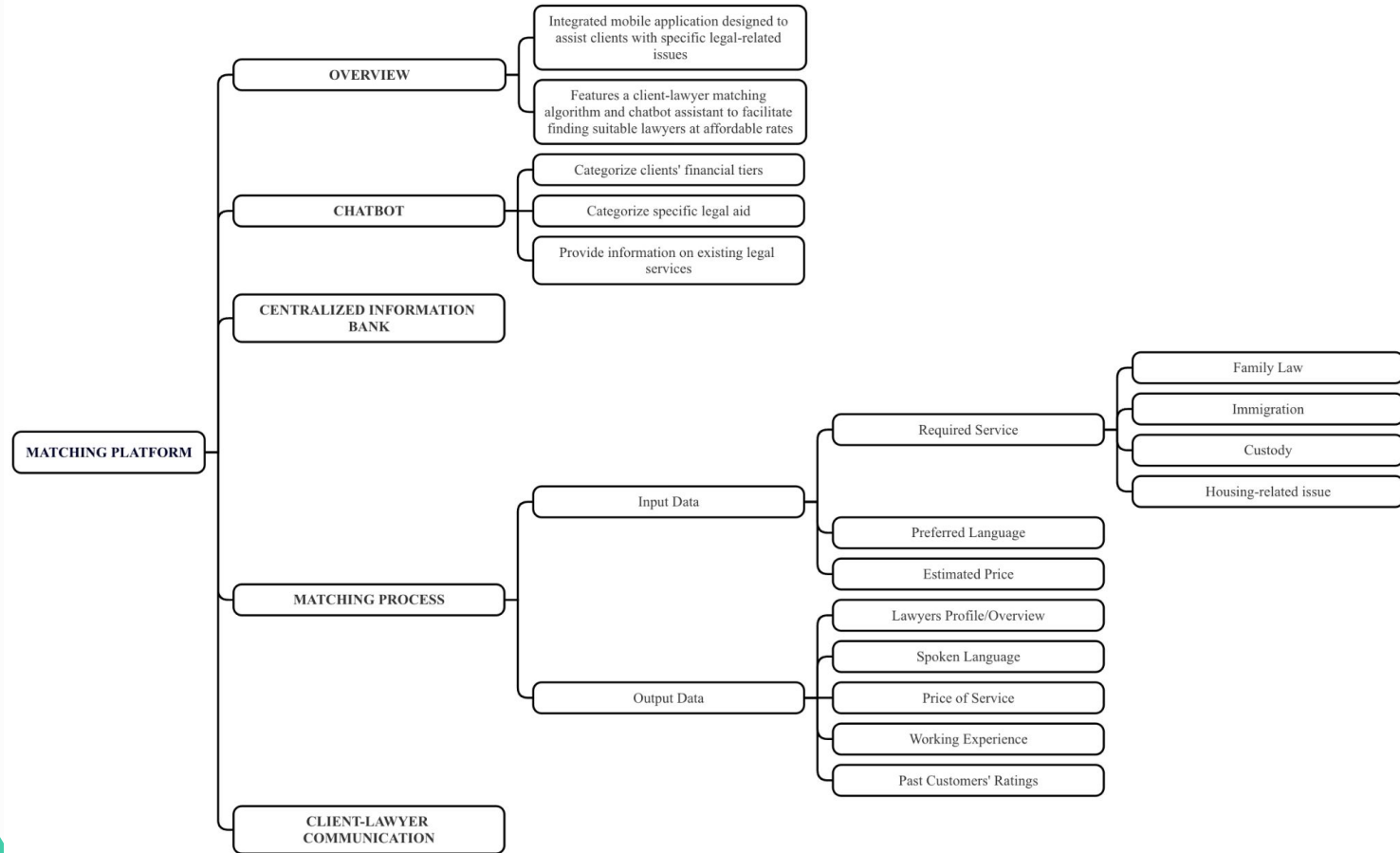
PROPUBLICA

Criminal Justice

The Mississippi Supreme Court Moved to Ensure Poor Criminal Defendants Would Always Have a Lawyer. It's Not Working.

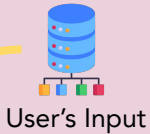
Months after the state's highest court directed judges to ensure that all criminal defendants have legal representation while awaiting indictment, one justice has acknowledged that the rule isn't being widely followed.

TOPIC OVERVIEW: CONNECTING CLIENTS WITH LAWYERS



What is the process node size and die area of Core i9-10900K?

Source



Data Ingestion & Feature Engineering

NLP Capabilities

- Identification of label for process node size and die area in documentation
- Translation of Technical Documentation to chunks of critical information

Feature Engineering

- Industry Trend based on time
- Differences of critical attributes (transistor counts, performance, etc)
- Trend and Seasonality of critical attributes to process node and die area
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Data Processing

GPT & Similarity Search

- Utilize OpenAI's ChatGPT to identify process node size and die area
- Enrich OpenAI's with identified insights from technical documents

Regression Modeling (Linear Regression, Random Forest, XGBoost, etc)

- ML Model to predict the process node size and die area based on trained data
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