

AI & ML

Shiny App using ChatGPT

Code for Justice

Shay Cleary
Managing Director – NCSC

Andre Assumpcao ,Phd
Data Scientist – NCSC

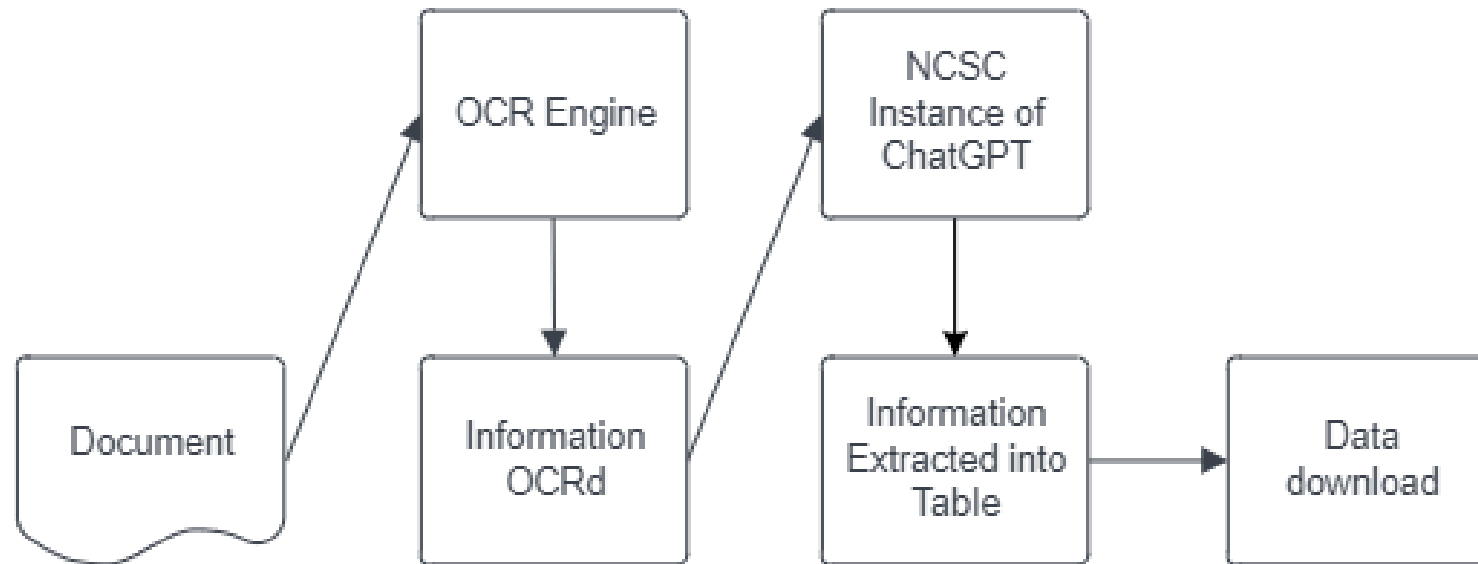




Potential AI / AI Related Court Use Cases

- Automated data entry, docketing, scheduling and case processing
- AI assisted creation of court documents
- AI assisted identification and resolution of data quality issues
- AI assisted identification of complex cases
- New methods and channels for serving litigants
- New insights into court data
- New internal tools for working more efficiently
- Summarization of large case files/documents

How it Works at High Level



STATE OF MINNESOTA

DISTRICT COURT

COUNTY OF CARVER

FIRST JUDICIAL DISTRICT

CASE TYPE: OTHER CIVIL

TEK Mechanical Service, Inc.,

Court File No: _____

Assigned Judge: _____

Plaintiff,

vs.

SUMMONS

Michael Homes, Inc. and
Victoria Creamery LLC,

Defendants.

THIS SUMMONS IS DIRECTED TO MICHAEL HOMES, INC AND VICTORIA CREAMERY LLC.

1. **You are being sued.** The Plaintiff has started a lawsuit against you. The *Complaint* is attached to this *Summons*. Do not throw these papers away. They are official papers that start a lawsuit and affect your legal rights, even if nothing has been filed with the court and even if there is no court file number on this *Summons*.

2. **You must BOTH reply, in writing, AND get a copy of your reply to the person/business who is suing you within 21 days to protect your rights.** Your reply is called an *Answer*. Getting your reply to the Plaintiff is called service. You must serve a copy of your *Answer* or *Answer and Counterclaim* (Answer) within 21 days from the date you received the *Summons* and *Complaint*.

ANSWER: You can find the *Answer* form and instructions on the MN Judicial Branch website at www.mncourts.gov/forms under the "Civil" category. The instructions will explain in detail how to fill out the *Answer* form.

3. **You must respond to each claim.** The *Answer* is your written response to the Plaintiff's *Complaint*. In your *Answer* you must state whether you agree or disagree with each paragraph of the *Complaint*. If you think the Plaintiff should not be given everything they asked for in the *Complaint*, you must say that in your *Answer*.

Typical
Document

1 Joshua S. Force (State Bar No. 176383)
2 **SHER GARNER CAHILL RICHTER KLEIN**
3 **& HILBERT, L.L.C.**
4 909 Poydras Street, Twenty-Eighth Floor
5 New Orleans, Louisiana 70112
6 Telephone: (504) 299-2100
7 Facsimile: (504) 299-2300

FILED
10 OCT 14 AM 10:06
CLERK U.S. DISTRICT COURT
CENTRAL DIST. OF CALIF.
RIVERSIDE

8 Attorneys for Archon Information
9 Systems, L.L.C. and Bryan P. Barrios

10
11 **UNITED STATES DISTRICT COURT**
12 **CENTRAL DISTRICT OF CALIFORNIA**

13
14 EDEN RUIZ ARI

15 Plaintiff

ED CV

Case Number:

10 - 01572

16 v.

17
18 ARCHON INFORMATION
19 SYSTEMS, LLC, a Delaware limited
20 liability corporation, Bryan P. Barrios,
21 an individual, Does 1 through 100,
22 inclusive

23 Defendants

NOTICE OF REMOVAL

24
25 Defendants Archon Information-Systems, L.L.C. ("Archon") and Bryan P.
26 Barrios ("Barrios") (collectively "Defendants") hereby remove to this Court the state
27
28

More
Complex
Document

My name is Ron Test and I live in Bemidji Minnesota and me and my lawyer Jason Law are suing my neighbor Mary Jenson and her stupid lawyer Matt Neversettles of Neversettle & Johnson inc in Pope County District Court because her dog keeps eating our plants and pooping in our yard and this is a clear violation of local civil code 9.7.83 (your dog may not poop in your neighbors yard)

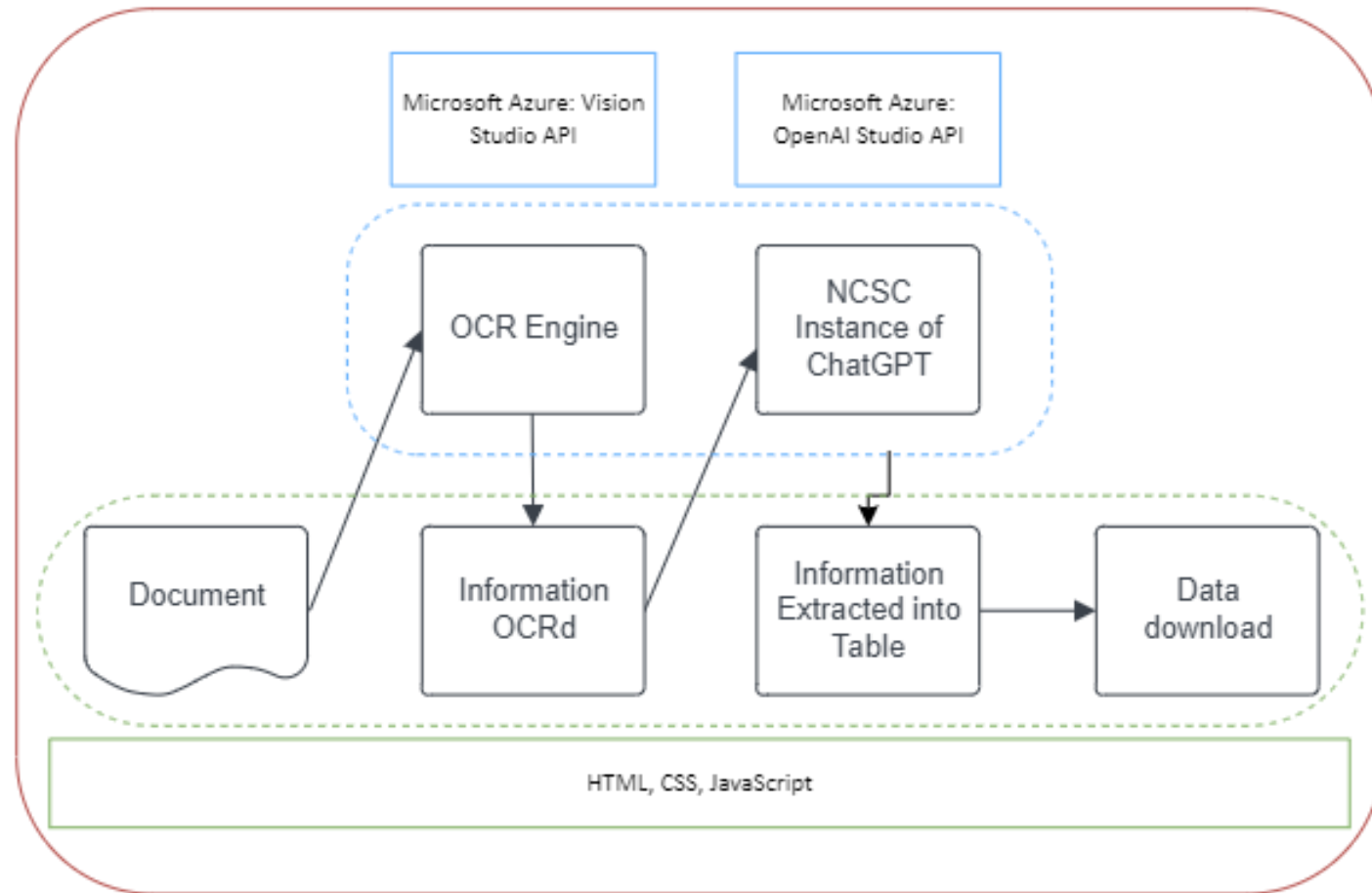
Less Structured Document

Hand Written
and Even
Less
Structure

My name is Fred Flintstone and
I'm suing Barney Rubble in Big
Stone County, MM In civil court
because he crashed my car. My
attorney is John Rockefeller.

Technical Details

R Shiny App hosted by Posit

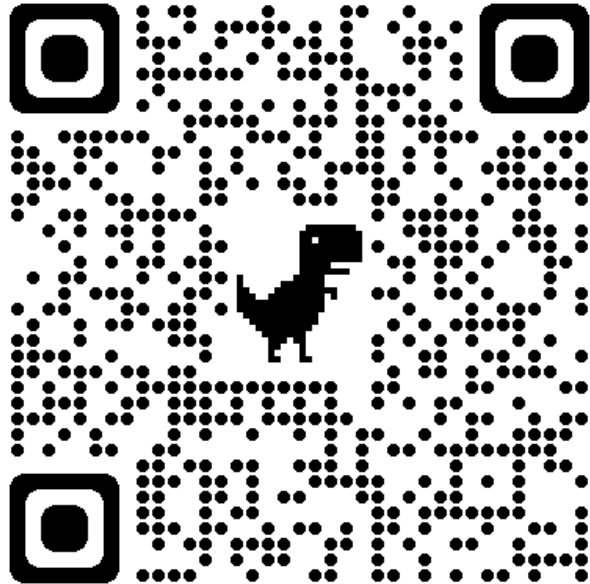


Shiny Apps

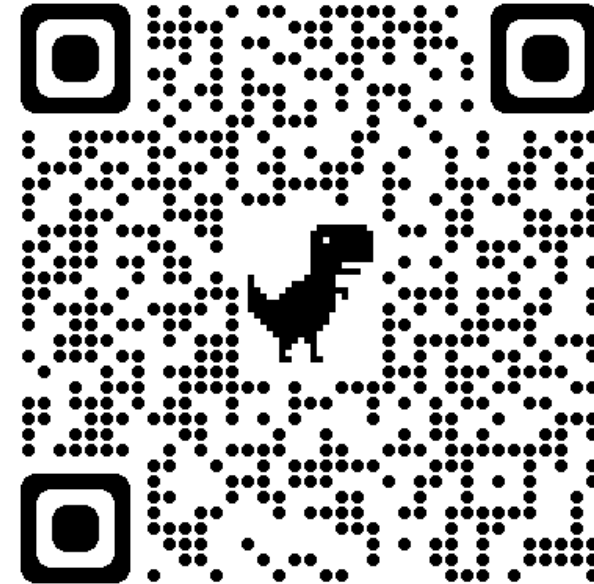
- App 1:
<https://nationalcenterforstatecourts.shinyapps.io/ctcquartertalk/>
- App 2:
<https://nationalcenterforstatecourts.shinyapps.io/ctcquartertalktestdrive/>



NCSC Data Dives



NCSC AI Implementer's Forum



First Wednesday of each
month @1:30PM Central

Thank you!

When referring to AI, this strategy intends to consider a wide range of areas that typically fall under the AI umbrella such as generative AI, Machine Learning (ML) Natural Language Processing (NLP), Large Language Models (LLM), Optical Character Recognition (OCR) and the tools such as Robotic Process Automation (RPA), big data tools, chatbots, etc. that use them.