




**NASS 2023**

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# Handwriting Recognition Technology

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# BUILDING OUR OWN SOLUTION

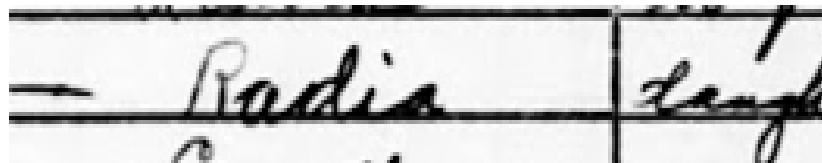
- Why?
  - Security
  - Scale
  - Quality
  - Cost



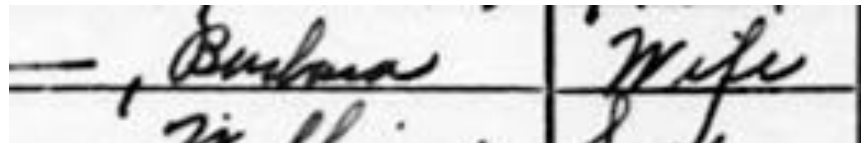


# HANDWRITING RECOGNITION (HWR)

## 3. Run the Software



---, Radia | daughter



---, Barbara | wife

## 4. Curate the Results

W	F	22	Mar Ore
W	M	27	Mar Ore
W	F	25	Mar Ore
W	M	29	Mar Ore

image, leave it blank in the form below. More details in [FIELD HELPS](#)

<b>10. Sex</b>	<b>11. Current Age</b> ⓘ
<input type="checkbox"/> M (Male) ▾	<input type="text" value="27"/>
<input type="checkbox"/> F (Female) ▾	<input type="text" value="25"/>

<input checked="" type="checkbox"/> None	<input type="checkbox"/> None	<input checked="" type="checkbox"/> None	<input type="checkbox"/> None	<input type="checkbox"/> None	<input checked="" type="checkbox"/> None
21	1,200			12	
49		3,200		33	
50		2,350		23	

is blank on the image, leave it blank in the form below.

<b>30. Weeks working last year</b>	<b>31a. Income from wages or salary</b>	<b>31b. Self-employed income</b>	<b>31c. Other income</b>
<input type="text" value="None"/>	<input type="text" value="600"/>	<input type="text" value="None"/>	<input type="text" value="945"/>
Weeks	Dollars	Dollars	Dollars







1950 US FEDERAL CENSUS

# THE RESULTS

1940 US CENSUS	1950 US CENSUS
<ul style="list-style-type: none"><li>• <b>132 million</b> names</li><li>• <b>6 months</b> to create an Index</li></ul>	<ul style="list-style-type: none"><li>• <b>151 million</b> names</li><li>• <b>9 Days</b> to create a HWR Index</li></ul>



# THE FUTURE



- Creating different models for variety of document types
- Plug & Play
- Off the shelf solution that pulls different models for specific collections
- A suite of content specific models
- Current projects 1931 Canadian Census, French Census 1836-1911





# WHAT DOES THIS MEAN?

Less Time  
Less Expense

More Indexing  
More Countries  
More Record Types  
More Discoveries





Thank you!

