Handwriting Recognition Technology
BUILDING OUR OWN SOLUTION

• Why?
  • Security
  • Scale
  • Quality
  • Cost
HANDWRITING RECOGNITION (HWR)

1. Understand the Image
2. Find the Handwriting
HANDWRITING RECOGNITION (HWR)

3. Run the Software

---, Radia | daughter

---, Barbara | wife

4. Curate the Results
1950 US FEDERAL CENSUS
## THE RESULTS

<table>
<thead>
<tr>
<th>1940 US CENSUS</th>
<th>1950 US CENSUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>• <strong>132 million</strong> names</td>
<td>• <strong>151 million</strong> names</td>
</tr>
<tr>
<td>• <strong>6 months</strong> to create an Index</td>
<td>• <strong>9 Days</strong> to create a HWR Index</td>
</tr>
</tbody>
</table>
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!