**Research Task**:

* What productivity tools are out there?
* What is government already is using (ie, Co-Pilot)
* What is in the private sector?
* What functions could AI help with regarding productivity, and importantly what are risks and complexity?
* What experience and training is required?

Consider that we don’t have a lot of policy but we do have strict guidelines on how we can use these tools and share our information.

The work that you do will inform the work that David Guilbault does on the larger scale to develop use cases, goals and future workflows.

What Productivity tools exist?

General Tools:

1. ChatGPT
2. CoPilot
3. Integrated into microsoft sweet
4. Otter ai
5. for streamlining meetings, automates transcripts, summaries, etc

      4. NotebookLM

1. Research Assistant, main function is summarizing large amounts of documents

      5. Gemini

      6. Perplexity

Initial thoughts:

* None of the chatbot tools will be as accurate / powerful as ChatGPT
* Most are american based companies

Legal Specific Tools:

1. Harvey AI : https://www.harvey.ai/
2. First glance seems like an AI integrated into lawyers workflow that can do a variety of tasks easily in one software platform (Summarize long documents, translate documents, draft memos, extract certain inputs like timelines, citations etc)
3. Site says 250 plus law firms use, and 47k + lawyers use harvey.
4. American company, openAI subsidiary.

       2. Clio Duo: <https://www.clio.com/features/legal-ai-software/>

1. AI built into case management platform(similar functionality to Harvey)
2. Office based out of burnaby, canadian company
3. Many articles on their website of companies saving money + increasing efficiency : <https://www.clio.com/customers/>

       3. CoCounsel : <https://www.thomsonreuters.com/en/cocounsel>

1. Implemented across the entire U.S federal court system
2. Specifically market to gov firms : <https://www.thomsonreuters.com/en/products-services/government>

       4. Lexis+ AI : <https://www.lexisnexis.com/en-us/products/lexis-plus-ai.page>

1. Similar to other options, base software with AI integrated into it. (chatbot, document generation / scanning, etc)

       5. Lex Machina: <https://www.lexisnexis.com/en-us/products/lex-machina.page>

1. Legal analytics software used to inform litigation strategies and predict case outcomes.
2. Can be used to quickly gain insights into the past behaviour of parties, counsel, experts, judges, and courts to improve litigation outcomes

AI Comparison Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Key Functions | Sector | Cost/Licensing | Origin Country |
| ChatGPT | Generating text, summarizing, can help from some research (doesn’t have accurate resources/references), analyzing data, IT support etc. | Private Sector Product(Not government owned)  Not public sector approved | Free $0  Plus     $20/month  Team $25–$30/user/monthEnterprise ~$60/user/month  Pro $200/month | USA |
| CoPilot | Troubleshooting on Word, Excel, Outlook, PowerPoint, Teams etc. Otherwise, has the same features chatGPT does | Private Sector Product(Government owned)  Public Sector Approved | Free $0  $30 USD per user per month, with an annual commitment.  Can qualify for different kinds of subscription plans, read more here: <https://www.microsoft.com/en-us/microsoft-365/copilot/business> | USA |
| Gemini | Similar to Chat, test-based assistance, Google Workspace (Gmail, Docs, Sheets, Slides, Meet etc.), accepts all sorts of input, code help, etc. | Private Sector Product (Not government owned)  Approved by some public sectors (Nova Scotia Health, Government of Nova Scotia, | Free $0  Google AI Pro $19.99/month  Google Ultra $249.99/month  More plans exist for developers and Google Cloud, can be read about here: [Gemini Developer API Pricing  |  Gemini API  |  Google AI for Developers](https://ai.google.dev/gemini-api/docs/pricing) and  [Gemini for Google Cloud Pricing | Google Cloud](https://cloud.google.com/products/gemini/pricing) | USA |
| Perplexity |  |  |  |  |
| NotebookLM |  |  |  |  |
| Cli Duo |  |  |  |  |
| Harvey AI |  |  |  |  |
| Lexis + AI |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

What does gov already use?

1. Copilot

– GitHub Copilot

– Microsoft Copilot

– Has guidelines on how to use it. (must sign in using IDIR, can only give copilot documents on the web version, etc)

1. Other than this all i can find are basic office suite and sharepoint.

What is available in the private sector?

* Everything mentioned in the legal specific tools, as well as AI like otter ai.

The Regional Artificial Intelligence Initiative supports AI adoption and commercialization across sectors in B.C., offering funding for businesses and nonprofits

The B.C. Digital Plan includes AI as a key area of exploration to enhance public service delivery

What functions could AI help with in regard to productivity?

From federal gov website: <http://canada.ca/en/government/system/digital-government/digital-government-innovations/responsible-use-ai/consultations-ai-strategy-federal-public-service-what-we-heard.html>

1. **Administrative efficiency:** AI can automate creation, sorting, management of documents, reducing time spent on admin tasks.
2. **Public service delivery**: AI-powered chatbots could manage routine inquiries form citizens, providing quick and accurate information and freeing up human agents for more complex issues.
3. **Data Analysis and decision support:** AI could analyze large datasets to predict trends and outcomes, which could be useful in areas such as public health monitoring, environmental monitoring, and economic forecasting.

Risks and Complexities.

Risks:

* Gov would need to introduce clearer use policy for document generation, or use of AI in general in order to clear up confusion.
* Like most likely can't be sending a chatbot confidential legal documents
* Training would take time

What experience / Training would be required?

Most of the software based applications (the legal AI models that are built into pre-existing software like Harvey, etc) would probably require a lot of time to implement and get the whole ministry on board. However the branch has individuals that are specialized in software training and could quickly learn the new software and then train the rest of  the branch.

Gov guidelines and policies already in place:

BC gov AI responsible use guidelines: <https://digital.gov.bc.ca/policies-standards/ai/draft-responsible-use-principles/>

Summary:

**Transparency**

* Clearly communicate the purpose, benefits, and operation of AI systems.
* Establish review mechanisms for individuals affected by AI decisions to seek explanations and recourse.

**Accountability**

* Define clear roles and responsibilities for the development and oversight of AI systems.
* Implement continuous monitoring to ensure systems function as intended and address any issues promptly.

**Public Benefit**

* Utilize AI solutions that demonstrably serve the public interest and enhance service delivery.
* Consider alternative solutions before deploying AI, ensuring alignment with community needs, including those of Indigenous peoples.

**Fairness**

* Design and evaluate AI systems to prevent discrimination and uphold equity.
* Continuously assess data inputs and outputs to identify and mitigate biases.

**Reliability**

* Ensure AI systems are trained on high-quality data and produce accurate, consistent results.
* Regularly monitor and update systems to maintain performance and address emerging issues.

**Safety**

* Implement safeguards to protect data privacy and system integrity throughout the AI lifecycle.
* Conduct ongoing risk assessments and apply security measures to prevent potential harms.

Gov Policy on AI:

**1. Protect sensitive information**

Employees **may** put confidential information into gen AI tools available to them as part of the BC Public Service’s agreement with Microsoft, like Copilot Chat.

* When using tools like Copilot Chat, [employees **must** log in using their IDIR](https://digital.gov.bc.ca/policies-standards/ai/copilot-access/)

Employees **must not** put any confidential information, including personal information, into publicly available gen AI tools like ChatGPT.

**2. Output review**

Employees who use gen AI tools **must** review the outputs to ensure they are factually accurate, complete and up-to-date.

Gen AI tools provide sources for content, but those sources may not be real or correct. There may also be copyright or intellectual property considerations.

**3. Standards of inclusion, respect and style**

Employees who use gen AI tools **must** review and edit the output text to ensure the language is inclusive, respectful and aligns with government style guides and other writing standards.

Other Notes:

* BC gov AI help teams channel
* Most questions are pretty basic but demonstrates a lot of people have no idea how to use AI / lack of info on government end on proper use guidelines.
* Most people ask what information they can and can't put in.

* I found the gov says they have 4 training courses available for AI:
* <https://learningcentre.gww.gov.bc.ca/learninghub/course/understand-how-ai-impacts-you-and-your-government/>
* <https://learningcentre.gww.gov.bc.ca/learninghub/course/ai-fundamentals-for-public-servants-opportunities-risks-and-strategies/>
* <https://learningcentre.gww.gov.bc.ca/learninghub/course/responsible-ai-for-public-professionals-using-generative-ai-at-work/>
* <https://learningcentre.gww.gov.bc.ca/learninghub/course/responsible-ai-for-public-professionals-scaling-ai-in-your-organization/>
* None of these training courses are gov BC specific, just long courses made by large US companies on how to use AI.

Good Links:

[BC Data Service takes generative AI to work – Province of British Columbia](https://digital.gov.bc.ca/2025/03/20/bc-data-service-gen-ai-pilot/)

[Regional Artificial Intelligence Initiative - Province of British Columbia](https://www2.gov.bc.ca/gov/content/employment-business/economic-development/funding-and-grants/regional-artificial-intelligence-initiative)

[B.C.'s Digital Plan – Province of British Columbia](https://digital.gov.bc.ca/policies-standards/digital-plan/)