

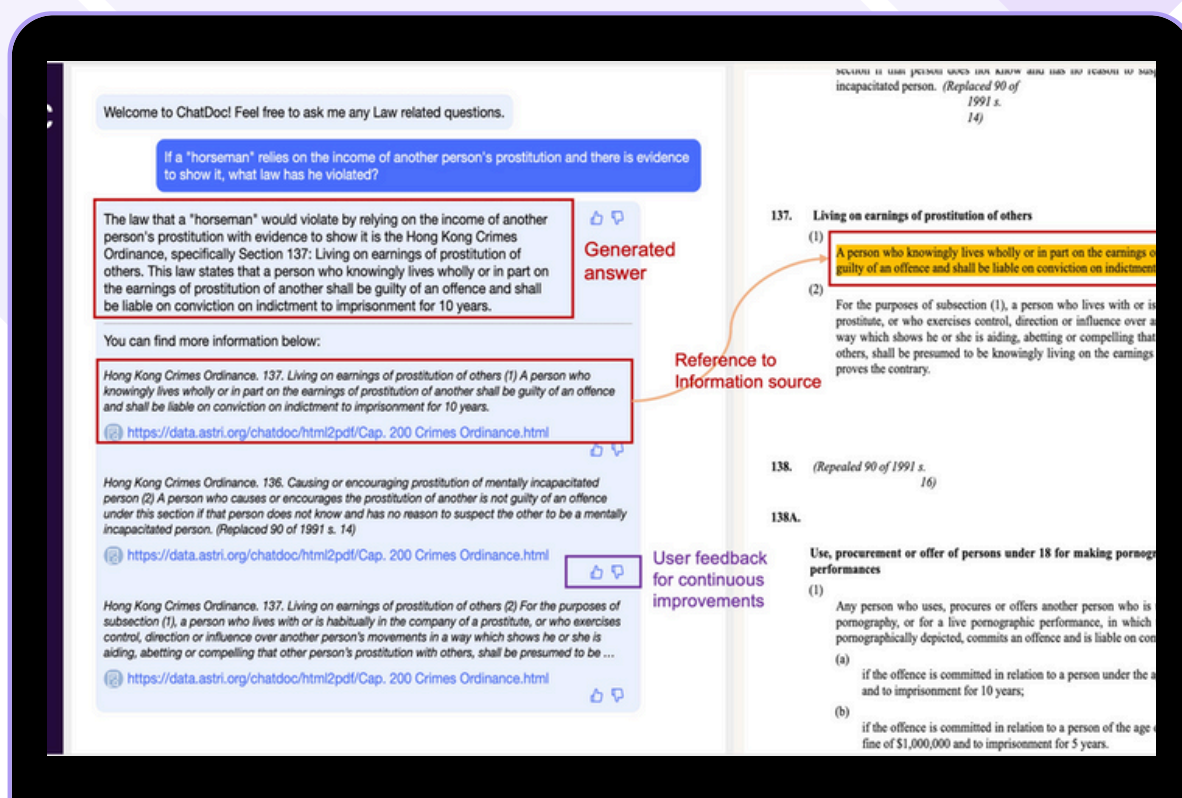
# ChatDoC: Intelligent Information Query and Knowledge Management

ASTRI ChatDoc system using Natural Language Processing(NLP) provides a **domain-specific, on-premise ChatGPT**-similar service to enable user to **search documents, information and procedures** by typing natural language queries and dialogue flexibly. User can verify the result by the reference link associated with the output.



ChatDoC

## ChatDoc: Document AI + Generative QA



Welcome to ChatDoc! Feel free to ask me any Law related questions.

If a "horseman" relies on the income of another person's prostitution and there is evidence to show it, what law has he violated?

The law that a "horseman" would violate by relying on the income of another person's prostitution with evidence to show it is the Hong Kong Crimes Ordinance, specifically Section 137: Living on earnings of prostitution of others. This law states that a person who knowingly lives wholly or in part on the earnings of prostitution of another shall be guilty of an offence and shall be liable on conviction on indictment to imprisonment for 10 years.

You can find more information below:

Hong Kong Crimes Ordinance. 137. Living on earnings of prostitution of others (1) A person who knowingly lives wholly or in part on the earnings of prostitution of another shall be guilty of an offence and shall be liable on conviction on indictment to imprisonment for 10 years.  
<https://data.astri.org/chatdoc/html2pdf/Cap. 200 Crimes Ordinance.html>

Hong Kong Crimes Ordinance. 136. Causing or encouraging prostitution of mentally incapacitated person (2) A person who causes or encourages the prostitution of another is not guilty of an offence under this section if that person does not know and has no reason to suspect the other to be a mentally incapacitated person. (Replaced 90 of 1991 s. 14)  
<https://data.astri.org/chatdoc/html2pdf/Cap. 200 Crimes Ordinance.html>

Hong Kong Crimes Ordinance. 137. Living on earnings of prostitution of others (2) For the purposes of subsection (1), a person who lives with or is habitually in the company of a prostitute, or who exercises control, direction or influence over another person's movements in a way which shows he or she is aiding, abetting or compelling that other person's prostitution with others, shall be presumed to be ...  
<https://data.astri.org/chatdoc/html2pdf/Cap. 200 Crimes Ordinance.html>

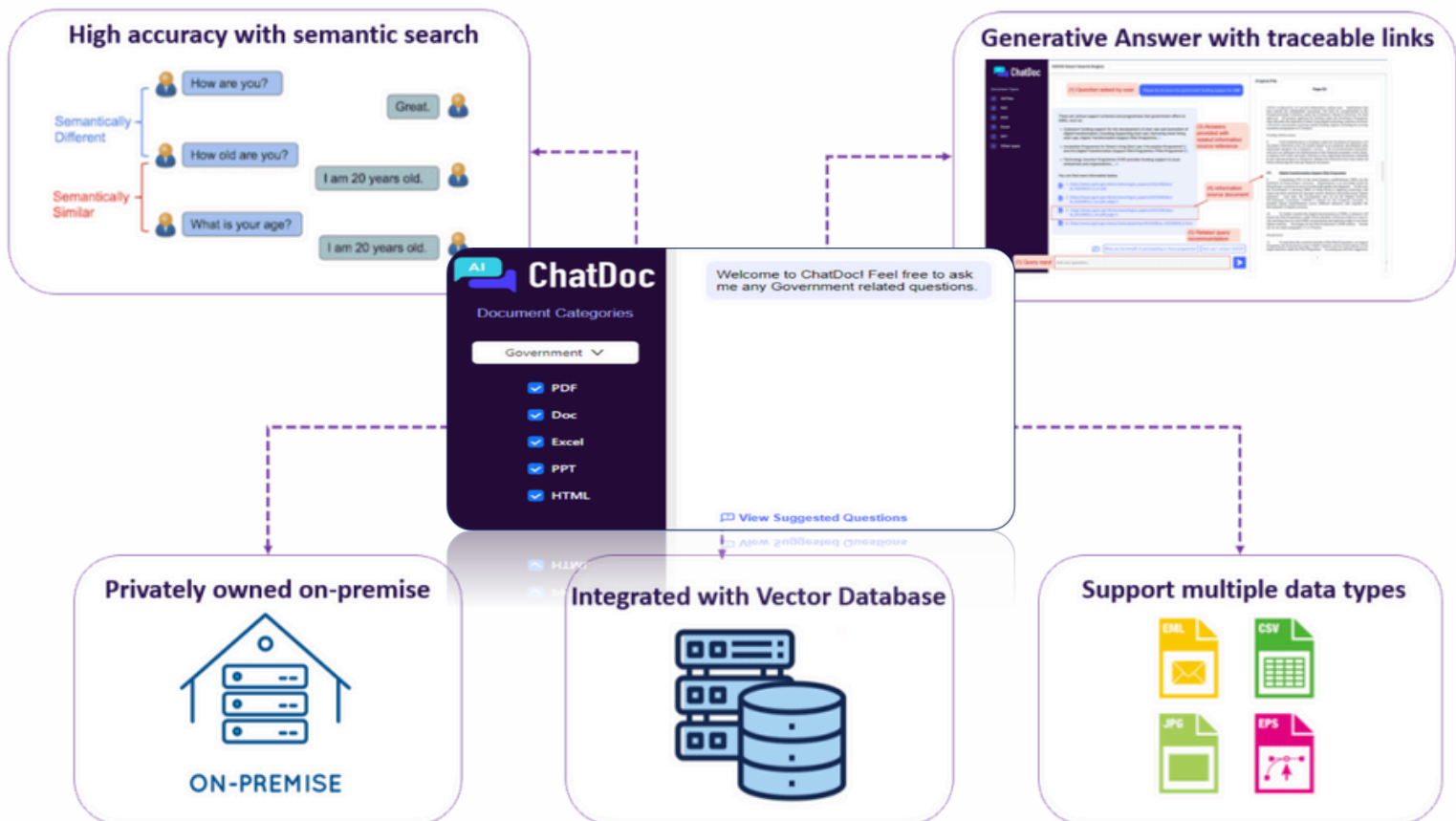
137. Living on earnings of prostitution of others  
 (1) A person who knowingly lives wholly or in part on the earnings of another person who is a prostitute or who exercises control, direction or influence over a way which shows he or she is aiding, abetting or compelling that other person's prostitution with others, shall be presumed to be knowingly living on the earnings of that other person. (Replaced 90 of 1991 s. 14)  
 (2) For the purposes of subsection (1), a person who lives with or is habitually in the company of a prostitute, or who exercises control, direction or influence over another person's movements in a way which shows he or she is aiding, abetting or compelling that other person's prostitution with others, shall be presumed to be knowingly living on the earnings of that other person. (Replaced 90 of 1991 s. 14)

138. (Repealed 90 of 1991 s. 16)

138A. Use, procurement or offer of persons under 18 for making pornographic performances  
 (1) Any person who uses, procures or offers another person who is a person under 18 for a live pornographic performance, in which the person is pornographically depicted, commits an offence and is liable on conviction to imprisonment for 10 years;  
 (a) if the offence is committed in relation to a person under the age of 18 and to imprisonment for 10 years;  
 (b) if the offence is committed in relation to a person of the age of 18 or over and to a fine of \$1,000,000 and to imprisonment for 5 years.

# Highlights

- Domain-specific large language model + domain-specific knowledge base
- Retrieval augmented generation: verifiable answers
- Alleviate hallucinations
- Fast integration of domain knowledge
- Ensure information timeliness



The system supports different data source via corresponding connector as input and then would be stored as vector representation via text embedding generator to vector database. Meanwhile, queries from user would be converted to vector representation. And the answer would be generated based on similarity measurement between the data in vector database and the queries in vector representation form.

ASTRI ChatDoc, a privately owned on-premise solution, which leverage NLP technologies to support document or information searching associated with corresponding reference from various data type with high accuracy to enhance the overall efficiency in daily operation.