

A close-up photograph of a person's hands holding an open book. The hands are visible on the right side, gripping the edges of the pages. The book is open to two facing pages, which are white with some dark text printed on them. The background is a solid dark color.

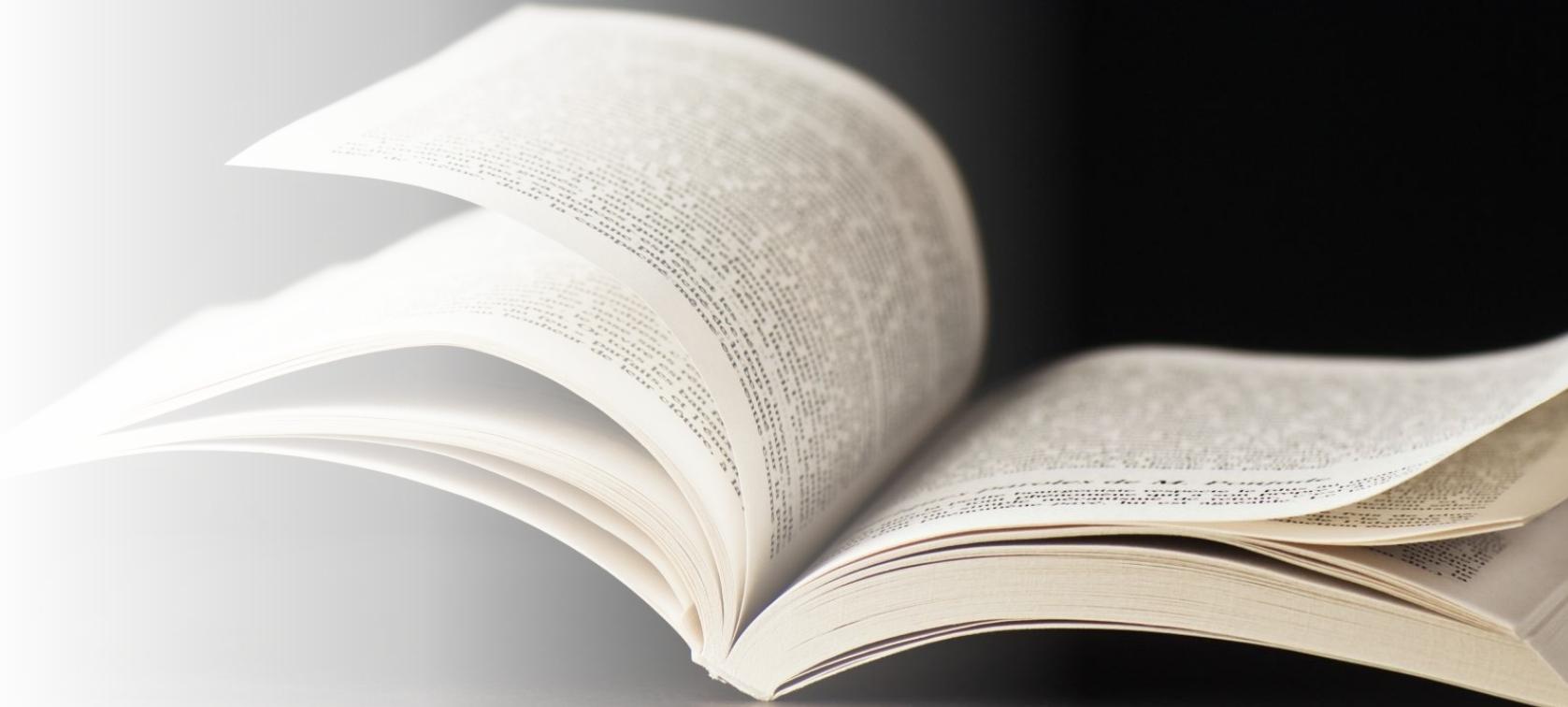
BookHub

Discover your next great read

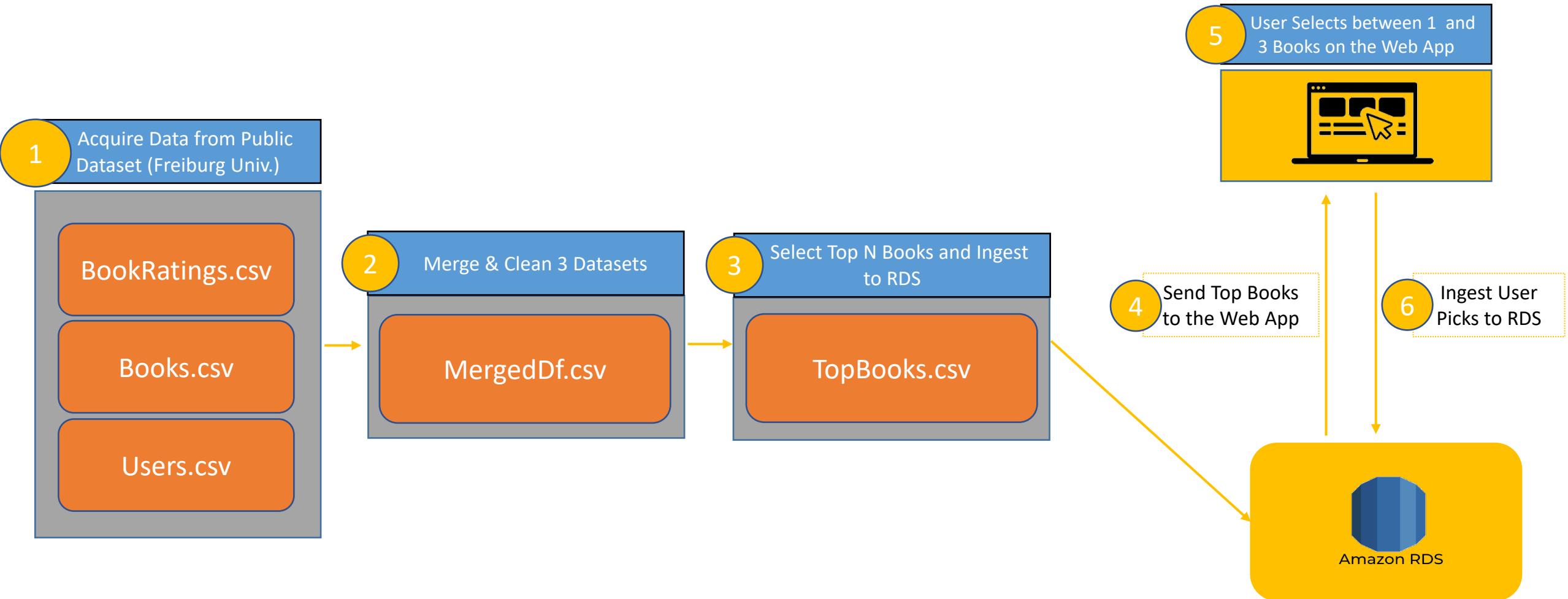
Alisher Akhatov

Motivation

- With millions of options to choose from, people often struggle when trying to figure out what to read next
- To help them with this problem, BookHub can recommend you what to read next based on the books you've liked and read in the past
- [Let's take BookHub for a spin!](#)



Data & RDS Utilization



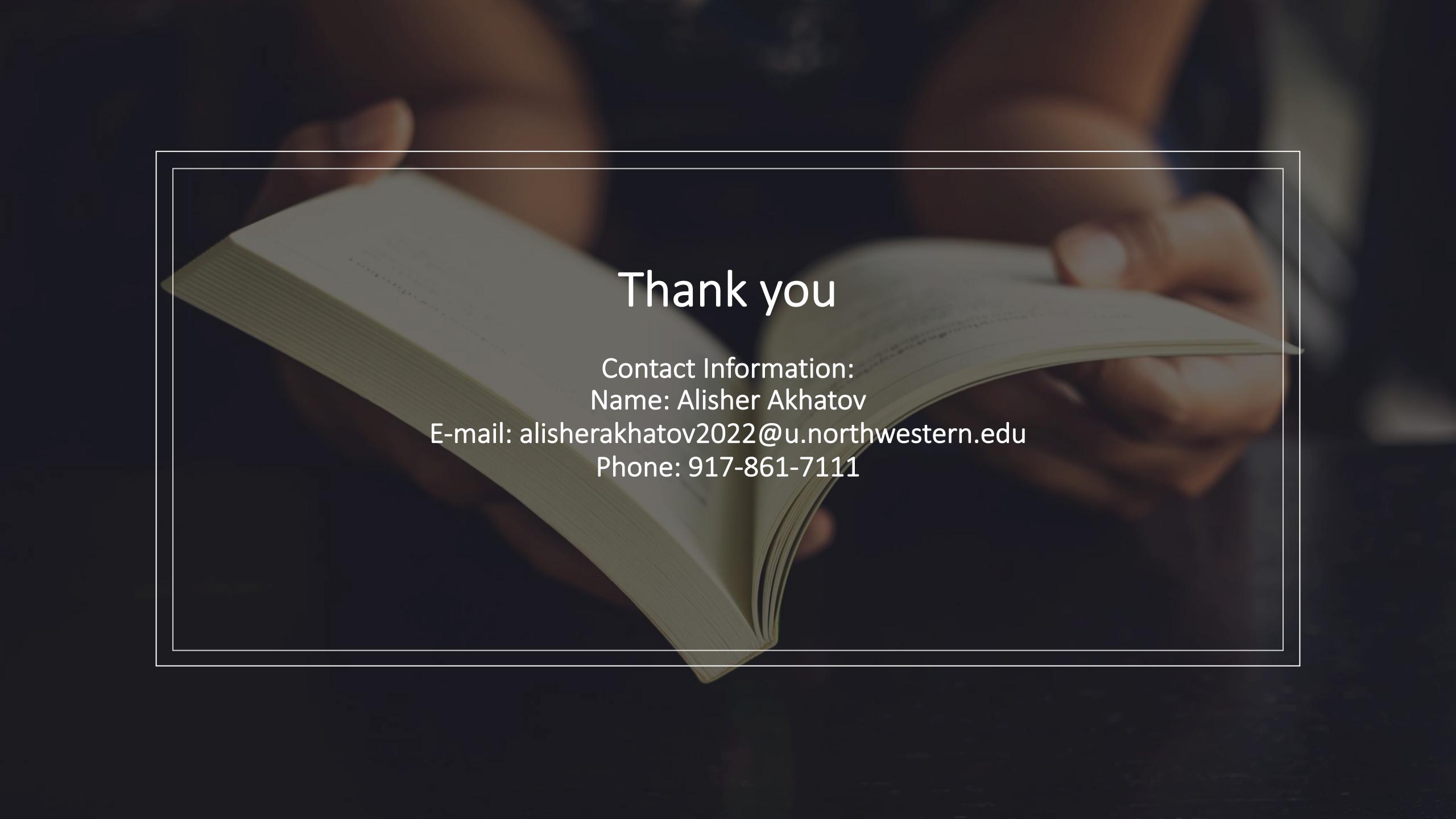
Algorithm Overview and Success Definition

- Model Type:
 - Collaborative Filtering (RecSys)
- Method Used:
 - K Nearest Neighbors (KNN)
- Model Success Metric:
 - Mean Average Precision (MAP)
- Model Deployment Type:
 - Online

Insights

- One interesting insight from the data was that the top ten books of all time based on ratings and number of ratings was dominated by franchise sci-fi/fantasy hits such as “Harry Potter” and “Lord of the Rings”
- I was also surprised at how consistent the most-liked books were across many different book ratings websites across the internet. I had expected more variability based on the country, target website audience and other website demographics
- As expected, when you select any book from Harry Potter series you will get more books from the same series ☺



A close-up photograph of a person's hands holding an open book. The hands are visible on the right side, with fingers gripping the edges of the pages. The book is open, showing two facing pages with printed text. The lighting is warm and focused on the hands and the book, creating a soft glow against a dark background.

Thank you

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