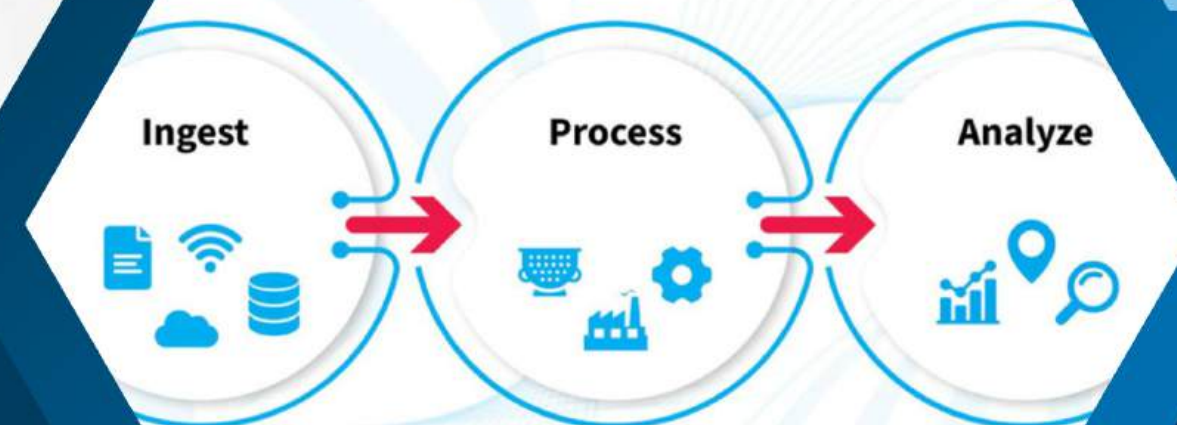


# PROCESS AND ANALYZE DATA WITH THE CLOUD

Mentor: Nguyễn Hoàng Vũ Thân  
Tăng Thị Thúy Vân





# CONTEXT



**Dataset**



**DataFlow**



**Dashboard**

# DATASET OVERVIEW

## BOOKS

```
ISBN: string
Book-Title: string
Book-Author: string
Year-Of-Publication: integer
Publisher: string
Image-URL-S: string
Image-URL-M: string
Image-URL-L: string
```

## RATINGS

```
User-ID: integer
ISBN: string
Book-Rating: integer
```

## USERS

```
User-ID: string
Location: string
Age: string
```



# BOOKS

	ISBN	Book-Title	Book-Author	Year-Of-Publica	Publisher
175	0830714014	Always Daddy's Girl: Understanding Your Father's	H. Norman Wright	1989	Regal Books
176	0345354931	Night Mare (Xanth Novels (Paperback))	Piers Anthony	1990	Del Rey Books
177	0553278223	The Martian Chronicles	RAY BRADBURY	1984	Spectra
178	3150000335	Kabale Und Liebe	Schiller	0	Philipp Reclam, Jun Verlag GmbH
179	3257203659	Der illustrierte Mann. ErzÄ?Ählungen.	Ray Bradbury	2002	Diogenes
180	3257207522	Der KÄ?Änig in Gelb.	Raymond Chandler	1980	Diogenes Verlag
181	3257208626	Fahrenheit 451	Ray Bradbury	1994	Distribooks Inc
182	3257208634	Die Mars- Chroniken. Roman in ErzÄ?Ählungen.	Ray Bradbury	1981	Diogenes Verlag
183	3257208669	Das BÄ?Äse kommt auf leisen Sohlen.	Ray Bradbury	2003	Diogenes
184	3257210450	LÄ?Äwenzahnwein. Roman.	Ray Bradbury	1999	Diogenes Verlag
185	3257212054	Das Kind von morgen. ErzÄ?Ählungen.	Ray Bradbury	2000	Diogenes Verlag
186	3257212429	Die Mechanismen der Freude. ErzÄ?Ählungen.	Ray Bradbury	2000	Diogenes Verlag
187	3257214154	Familientreffen. ErzÄ?Ählungen.	Ray Bradbury	2000	Diogenes Verlag
188	3257216416	Der Tod kommt schnell in Mexico. ErzÄ?Ählunge	Ray Bradbury	1988	Diogenes Verlag
189	3257233051	Veronika Deschliesst Zu Sterben / Vernika Decide	Paolo Coelho	2002	Distribooks
190	342311360X	Die Liebe in Den Zelten	Gabriel Garcia Marquez	0	Deutscher Taschenbuch Verlag (DTV)
191	3423116714	Die Klone der Joanna May. Roman.	Fay Weldon	1993	Dtv
192	3423241489	Ist mein Hintern wirklich so dick? Tagebuch einer Arabella	Weir	1998	Dtv
193	3426605686	Haifischfrauen.	Kiana Davenport	1996	Droemersche Verlagsanstalt Th. Knaur
194	3453212150	Die Cappuccino- Jahre. Aus dem Tagebuch des A	Sue Townsend	2002	Heyne
195	3462021095	Schwarzer Tee mit drei StÄ¼ck Zucker	Renan Demirkan	1991	Kiepenheuer & Witsch





# RATINGS

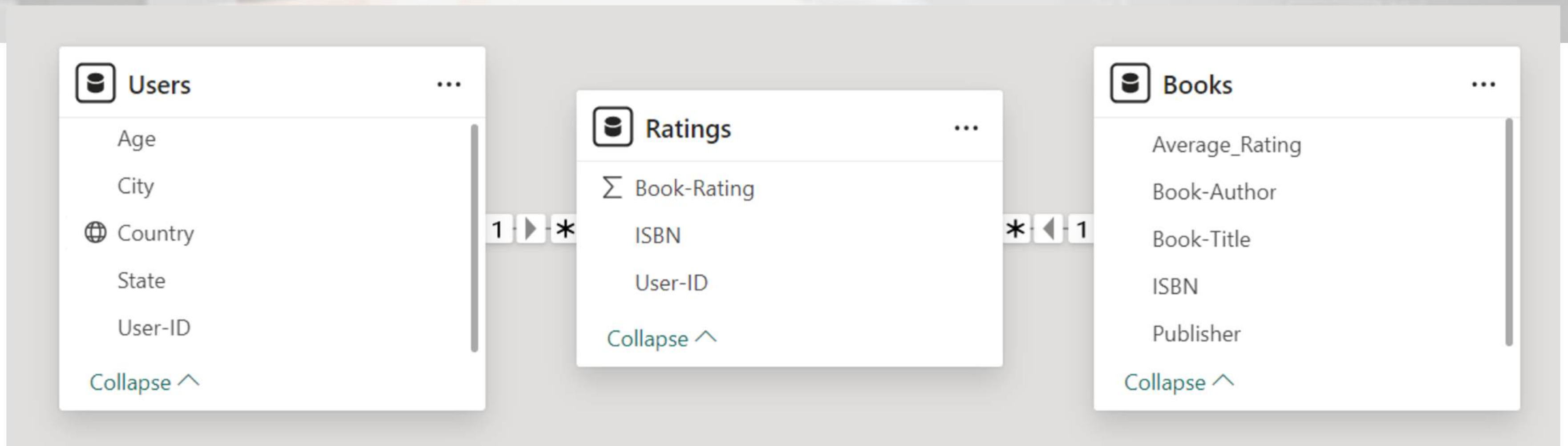
User-ID	ISBN	Book-Rating
276725	034545104X	0
276726	0155061224	5
276727	0446520802	0
276729	052165615X	3
276729	0521795028	6
276733	2080674722	0
276736	3257224281	8
276737	0600570967	6
276744	038550120X	7
276745	342310538	10
276746	0425115801	0
276746	0449006522	0
276746	0553561618	0
276746	055356451X	0
276746	0786013990	0
276746	0786014512	0
276747	0060517794	9
276747	0451192001	0
276747	0609801279	0
276747	0671537458	9
276747	0679776818	8
276747	0943066433	7

User-ID	Location	Age
1	nyc, new york, usa	NULL
2	stockton, california, usa	18
3	moscow, yukon territory, russia	NULL
4	porto, v.n.gaia, portugal	17
5	farnborough, hants, united kingdom	NULL
6	santa monica, california, usa	61
7	washington, dc, usa	NULL
8	timmins, ontario, canada	NULL
9	germantown, tennessee, usa	NULL
10	albacete, wisconsin, spain	26
11	melbourne, victoria, australia	14
12	fort bragg, california, usa	NULL
13	barcelona, barcelona, spain	26
14	mediapolis, iowa, usa	NULL
15	calgary, alberta, canada	NULL
16	albuquerque, new mexico, usa	NULL
17	chesapeake, virginia, usa	NULL
18	rio de janeiro, rio de janeiro, brazil	25
19	weston, ,	14
20	langhorne, pennsylvania, usa	19
21	ferrol / spain, alabama, spain	46
22	erfurt, thuringen, germany	NULL
23	philadelphia, pennsylvania, usa	NULL
24	cologne, nrw, germany	19
25	oakland, california, usa	55
26	bellevue, washington, usa	NULL

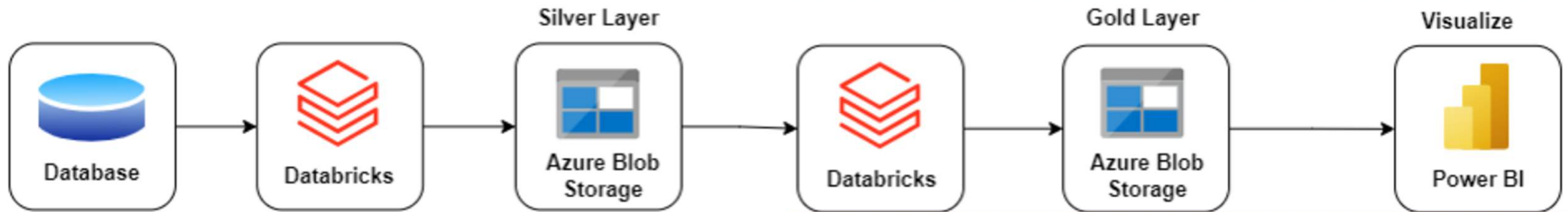
# USERS



# DATASET OVERVIEW



# DATAFLOW





# DASHBOARD

## BOOKS REVIEW REPORT

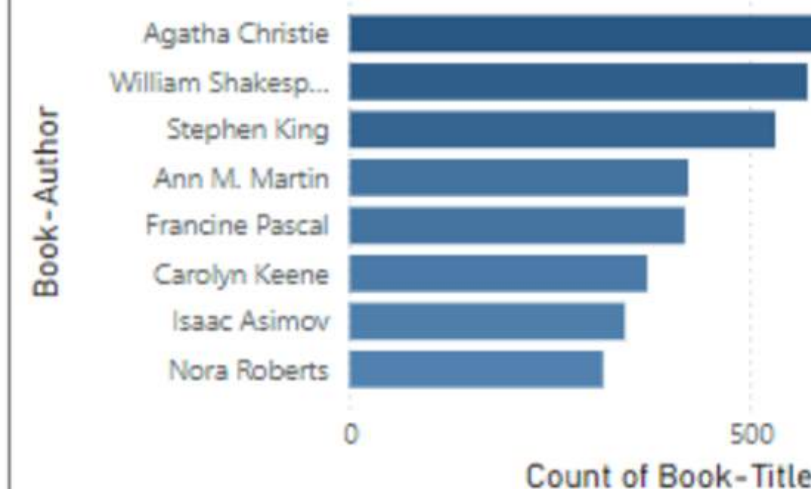
### Average Ratings



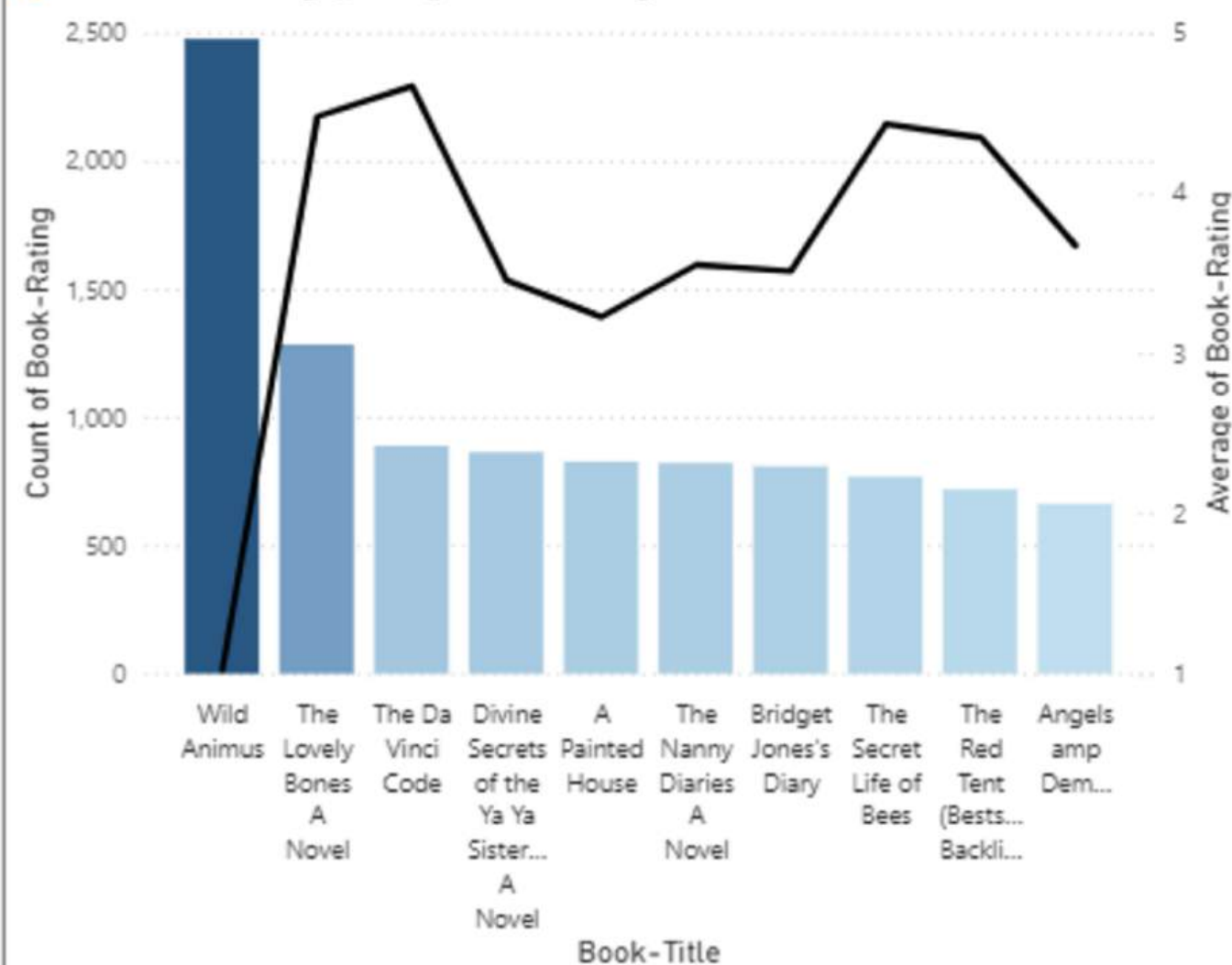
1.02M

Count of Book-Rating

Count of Book-Author 1 318 635

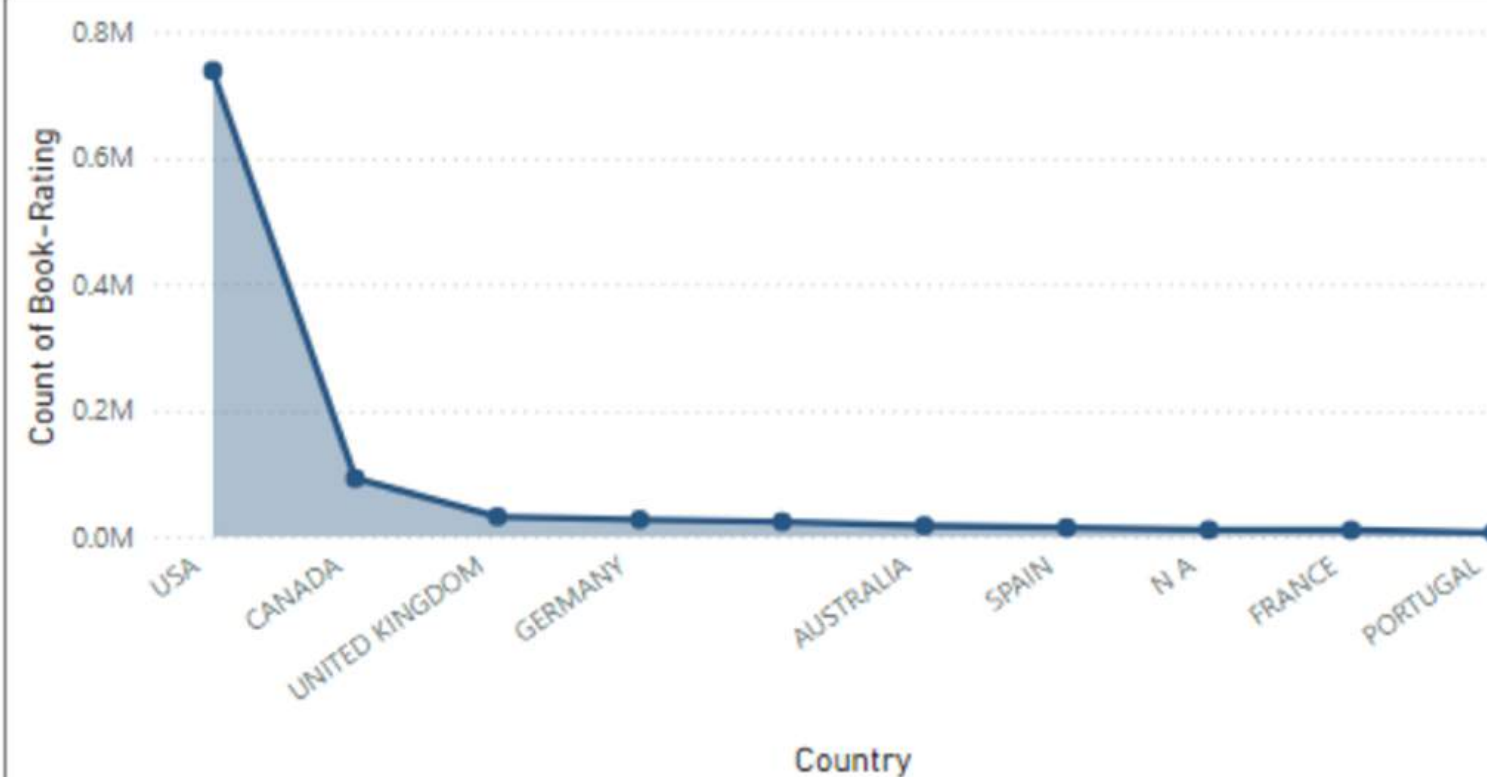


Count of Book-Rating ● Average of Book-Rating



2.84

Average of Book-Rating







# THANK YOU

For listening to our presentation.