

Website Clickstream Data Generator

Generate realistic website navigation data for ML tasks like session clustering and anomaly detection. Simulate user journeys across your custom pages with configurable transition probabilities.

Number of Sessions

Min Session Length

Max Session Length

Website Pages

[+ Add Page](#)×××××

Click on page names to edit them, then press Enter or click elsewhere to save. You need at least 2 pages for the simulation.

Generate Sessions

Hide Transition Matrix

Export CSV

Transition Probability Matrix

From	To Home	To Products	To About	To Contact	To Blog	EXIT
Home	0.01	0.02	0.02	0.02	0.02	0.93
Products	0.02	0.01	0.02	0.02	0.02	0.93
About	0.05	0.05	0.03	0.05	0.05	0.77
Contact	0.12	0.12	0.12	0.08	0.12	0.44
Blog	0.02	0.05	0.06	0.28	0.42	0.17

Probabilities are automatically normalized to sum to 1.0 for each row.

1.5
Avg Pages/Session

244s
Avg Duration

Blog
Most Visited Page

Generated Sessions (100000)				
User ID	Page Sequence	Pages	Duration (s)	Timestamp
1	About	1	225	9/7/2025, 4:40:26 PM
2	Home	1	163	9/7/2025, 4:40:26 PM
3	Blog -> Products	2	429	9/7/2025, 4:40:26 PM

User ID	Page Sequence	Pages	Duration (s)	Timestamp
4	Blog	1	212	9/7/2025, 4:40:26 PM
5	Home	1	55	9/7/2025, 4:40:26 PM
6	Products	1	270	9/7/2025, 4:40:26 PM