

Knowledge Transfer in StackOverflow

Flow of knowledge between different geographical
regions and influence on migration

Àlex Trujillo Boqué
Abhijeet Parida
Nikhil Agarwal

Why should anyone care?

- Government could monitor the knowledge of its citizens.
- A positive flow of knowledge shows interest to learn, good to know for educational institutions to prioritise their efforts.
- Computer-related knowledge and experience will influence the labour market.
- Quality workforce and wage control by companies

Data: StackExchange data dump (xml)

asked Jan 2 '15 at 18:45

 Coop

5,772 ● 8 ● 32 ● 72



answered Jan 2 '15 at 18:48

 jtmarmore

1,513 ● 2 ● 14 ● 32

REPUTATION

633

top 9% this quarter

Next tag badge

● javascript



Month	Reputation
FEB	187
MAY	410
AUG	633
NOV	633

30/100 score

17/20 answers

Badges (11)

GOLD

—

SILVER

1

Rarest

● Yearling

Jun 1 '12

BRONZE

10

Rarest

● Suffrage

May 16 '12

● Tumbleweed

Aug 19 '12

● Caucus

Apr 1 '14

Data: Migration Data from UN DESA



Ethiopia

MIGRATION PROFILES

Part I. Global legal instruments related to international migration

States parties to United Nations legal instruments

Year ratified:

-	1949 ILO Migration for Employment Convention
1969	1951 Refugee Convention
1969	1967 Refugee Protocol
-	1975 ILO Migrant Workers Convention

Year ratified:

1991	1989 Conv. on the Rights of the Chi
-	1990 UN Migrant Workers Conventi
2012	2000 Human Trafficking Protocol
2012	2000 Migrant Smuggling Protocol

Tertiary students by destination (2013)

Top 5 countries or areas of destination

	Total
United States of America	1 365
South Africa	1 024
Sweden	562
India	518
Finland	475
Total	3 944

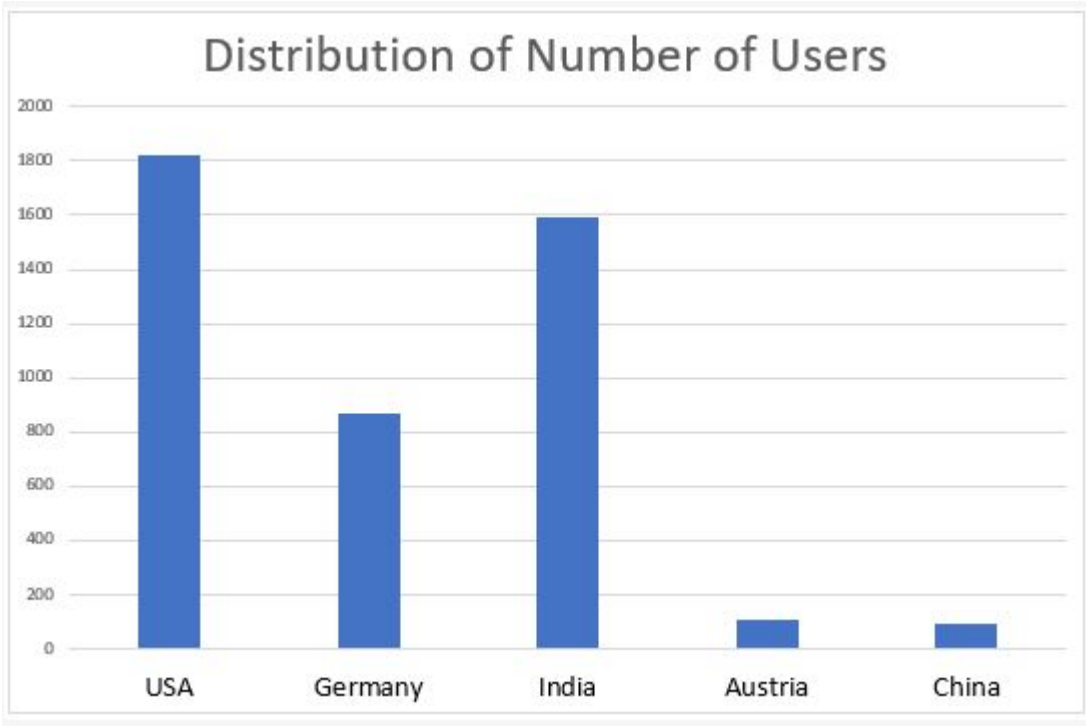
What we plan to do?

- Study the distribution and movement of knowledge on StackOverflow
- Correlation between “Movement of People” and “Movement of Knowledge”
- Correlation between median pay and location of “expert”

To do this we start by:

- Using users' statistics to find experts and their location.
- Considering answers given by experts, and who asked the question.

Preliminary exploration of data



Google trends search interests: computer

