EDUCATIONAL ATTAINMENT & EMPLOYMENT

AN EXPLORATION OF MIGRANT YOUTH EMPLOYMENT OPPORTUNITIES

HARBOURS OF HOPE

Arturo Benedetti, Pablo Fondevila & Mihai Branga-Peicu

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Being a young migrant student and knowing what opportunities there are for you can be quite difficult and daunting.

Hence the need for a tool that lets you explore what young people are doing and how educational decisions you take may impact your employment opportunities.

PERSONAL REASONS

This is a study of youth migration and employment opportunities by students who had a rough time looking for internships. We feel that this kind of information visualised would have helped us a lot.

See where there are opportunities	Understand what is in your control	Know how you compare to locals
Spotting Country differences in a intuitive way	Know how much you should study	View how things have changed overtime

RESEARCH QUESTIONS

How does a young persons educational attainment (in terms of education level) impact their likelihood of being employed, and how much more will they will earn?

What is the relationship between educational attainment and employment opportunities for migrant students who have currently arrived in one of the European Union countries?

SITE TOOL

https://benedart.github.io/Interactive-Information-Visualization/

- ✓ Select the country you are interested in
- ✓ Visualise youth employment of a place
- ✓ See impacts of education on Employment
- ✓ See impacts of education on Earnings
- ✓ See how this applies to migrant youth
- ✓ Explore this for multiple countries

SOURCES

Our data was sourced from two dataset repositories namely:

1. The OECD datasets that focus on earnings and percentage of youth employment. It focused on youth in education/employment/NEET, educations impact on earnings (relative to ISCED 3) & educations impact on employment rate.
2. The EUROSTAT datasets that focus on employment and educational attainment of migrants specifically. It focused on the population of migrant youth who have a at least a tertiary education and their employment rate.

Project inspired by:
- https://vamigration.github.io/
- https://aereeeee.github.io/CS6730_project/

FUTURE IMPROVEMENTS

INFORMATION ON MORE COUNTRIES OF THE WORLD

IMPROVE DESIGN AND ANIMATIONS OVER TIME

PROVIDE BETTER INTERACTIONS BY LETTING USERS CLICK ON GROUPS OF YOUTH

PROVIDE MORE CLARITY OF WHAT EMPLOYMENT OPPURTUNITIES LOOK LIKE

REFERENCES

OECD datasets :
- education vs earnings: https://stats.oecd.org/Index.aspx?datasetcode=EAG_EARNINGS#
- education vs work status: https://stats.oecd.org/viewhtml.aspx?datasetcode=EAG_NEAC&lang=en#
- education/non education: https://www.oecd-ilibrary.org/education/percentage-of-18-24-year-olds-in-education-not-in-education-by-work-status-2022_ec14b2ec-en
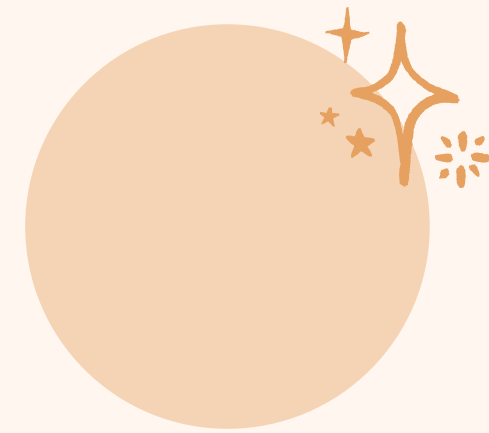
Eurostat datasets:
- migrant youth employment
https://ec.europa.eu/eurostat/databrowser/view/edat_lfs_9911/default/table?lang=en%20https:%2F%2Fec.europa.eu%2Feurostat%2Fapi%2Fdissemination%2Fsdmx%2F2.1%2Fdata%2Fedat_lfs_9911%2F%3Fformat%3DTSV&compressed=true&i

THANK You

MEMBERS CONTRIBUTIONS

Work breakdown:

Website Visualisations & Charts - Arturo

Datasets - Data cleaning, combination, validation - Mihai & Arturo

Interaction with Visualisations - Arturo & Pablo

Website creation, layout and visual aesthetics - Arturo

Website text and presentation - Mihai