

Topic Idea

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Research Question

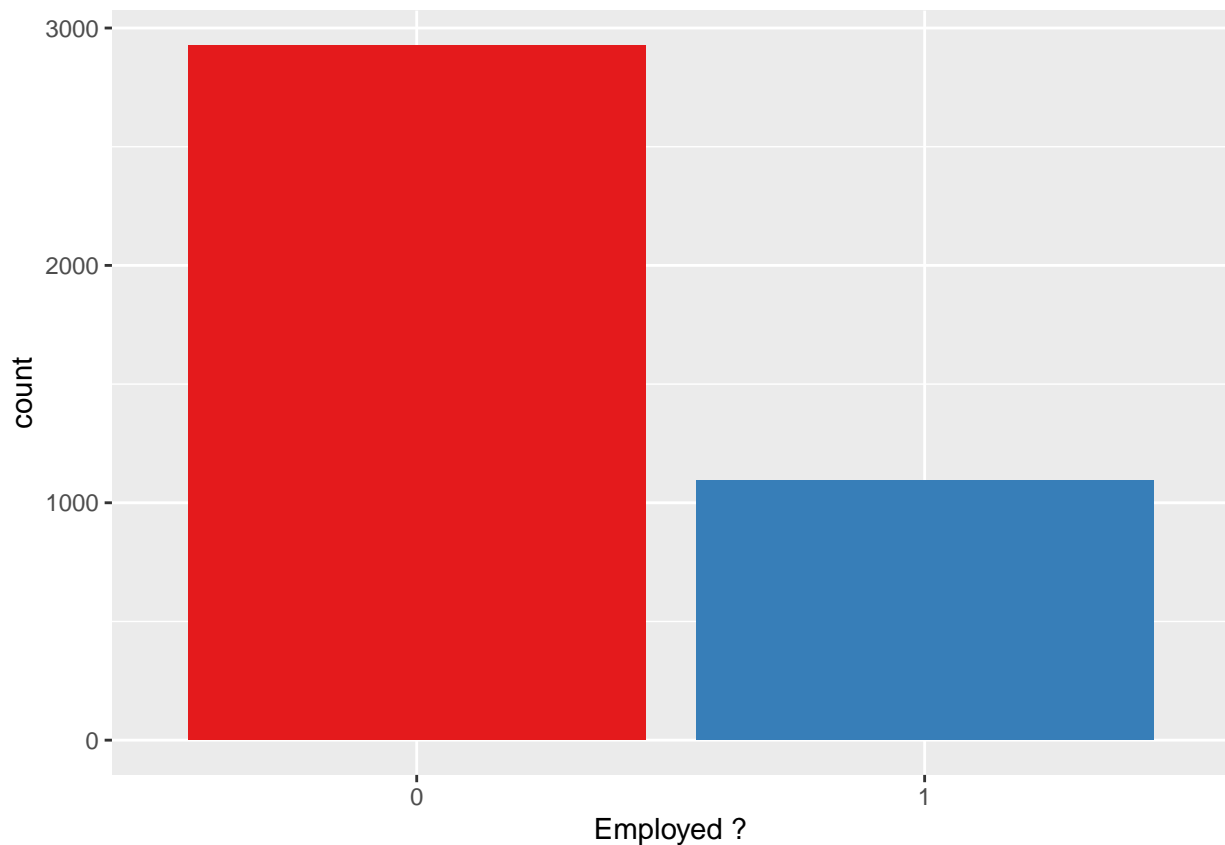
What effect does the demographic characteristics, previous and current labour market experience and education outcomes have on the employability of a person in their youth, in the South African labour market ?

Exploratory Data Analysis

This is a short EDA to show some interesting variables, including the employability (response).

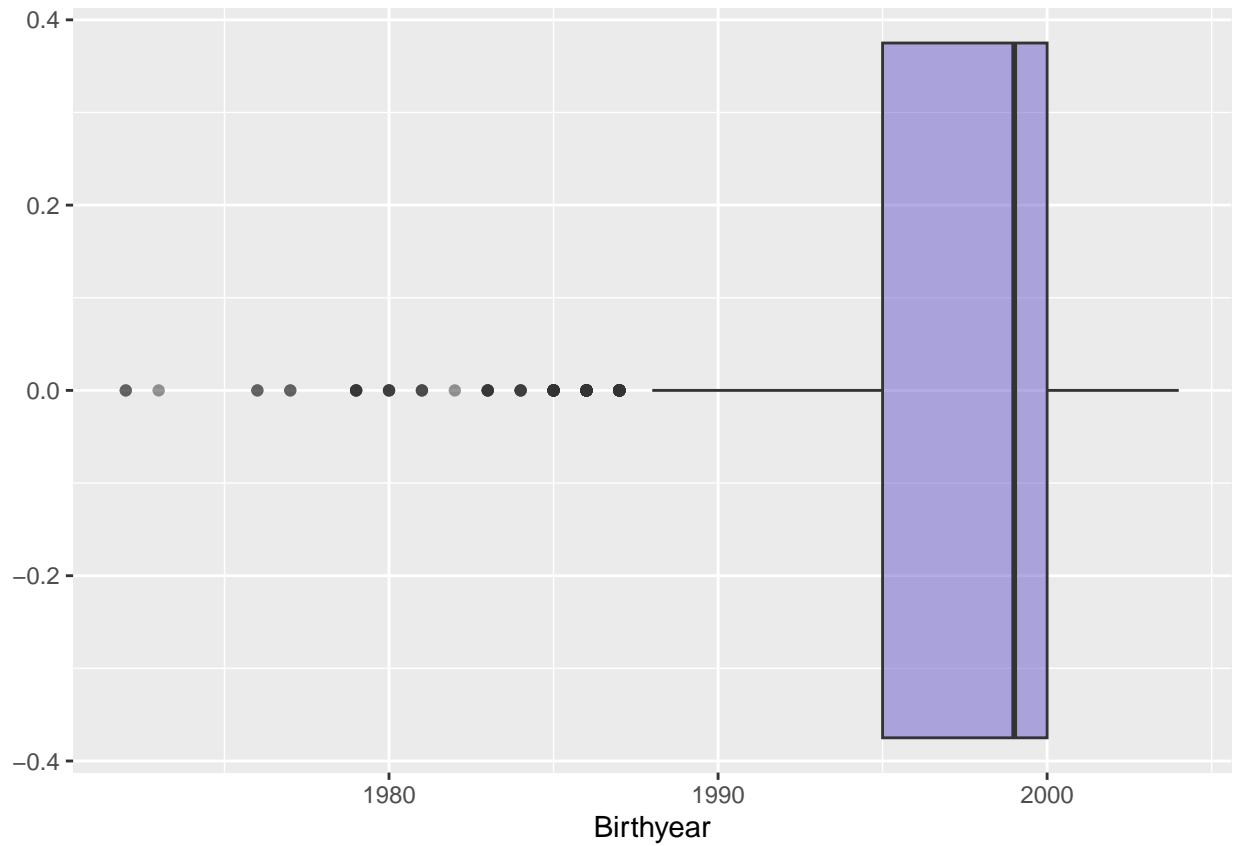
- After a baseline survey done a previous year earlier, these are the results of whether a young person was employed. A substantial number of them still remain unemployed in the labour market.

`## Warning: package 'ggplot2' was built under R version 4.3.3`



Birth year

- The distribution of birth year is left skewed, with mean year of 1997.

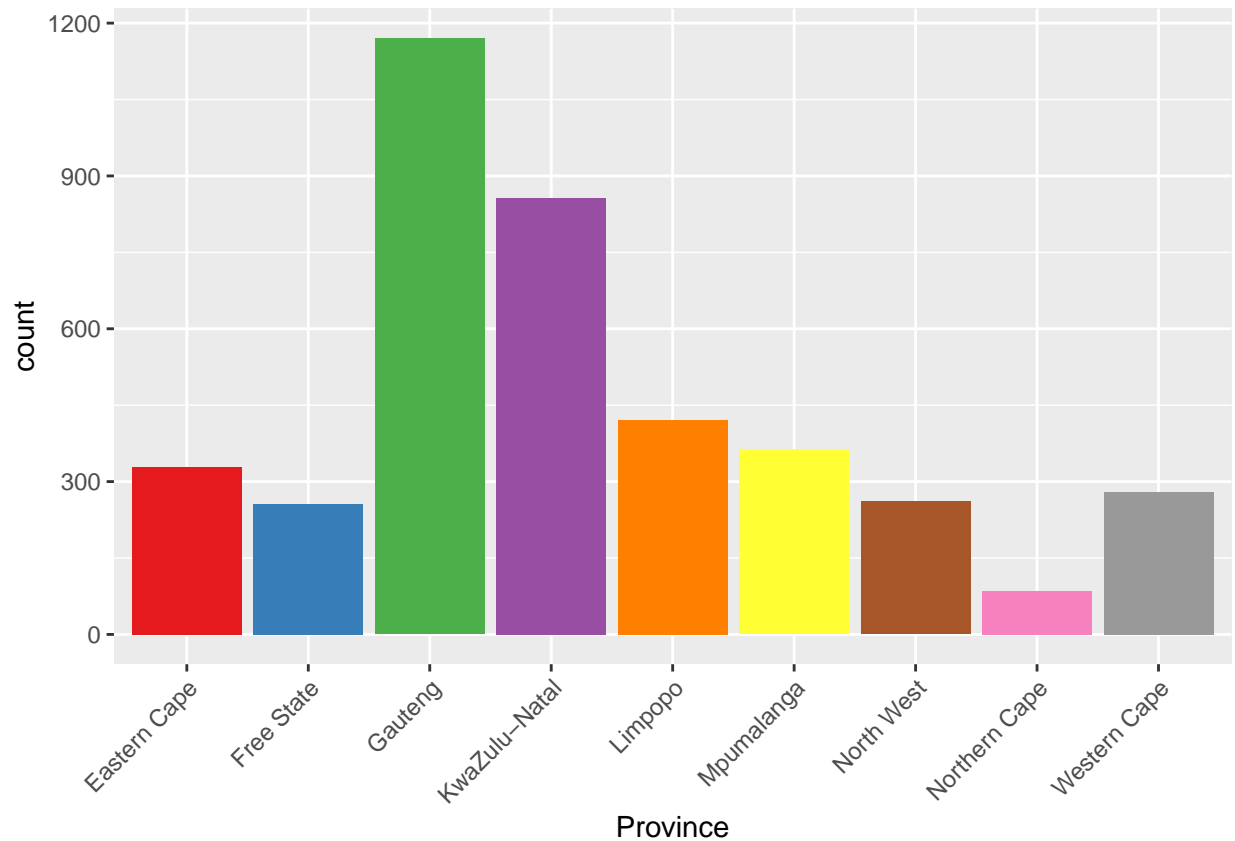


##	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
##	1972	1995	1999	1997	2000	2004

Geography & Province

- The categories only include rural, suburb and urban , with most of them from urban areas. Gauteng and KZN are regions in which most of these young individuals are based at the time of the survey.

##			
##	Rural	Suburb	Urban
##	803	420	2797



Education attainment

- More young people have matric certificate, but less towards attaining a degree or diploma.

```
youth$Matric |> table()
```

```
##
##    0    1
## 450 2562
```

```
youth$Degree |> table()
```

```
##
##    0    1
## 2018  171
```

```
youth$Diploma |> table()
```

```
##
##    0    1
## 2031  180
```