



# Example of Report

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## About

This is a work sample to illustrate how a report can be built with RMarkdown. Everything is written in R and markdown. The data is processed, reshaped, analyzed, and plotted in the same document as the report is written. Thus, the report is automatable and reproducible. A LaTeX template is used for the design, and the output is a PDF. The layout, the style of the plots, and the fonts used (currently *IBM Plex Sans*) can be adapted to fit your corporate design. Variations of this report (without LaTeX template) could output Powerpoint or PDF presentations, HTML reports, or HTML presentations.

## Background

Annually, 28'500 students graduate from programs funded by the [University Grants Committee](#) (UGC) in Hong Kong. The mission of UGC is to nurture high-quality people to promote the economic and social development of Hong Kong. The dataset can be downloaded from [data.gov.hk](#).

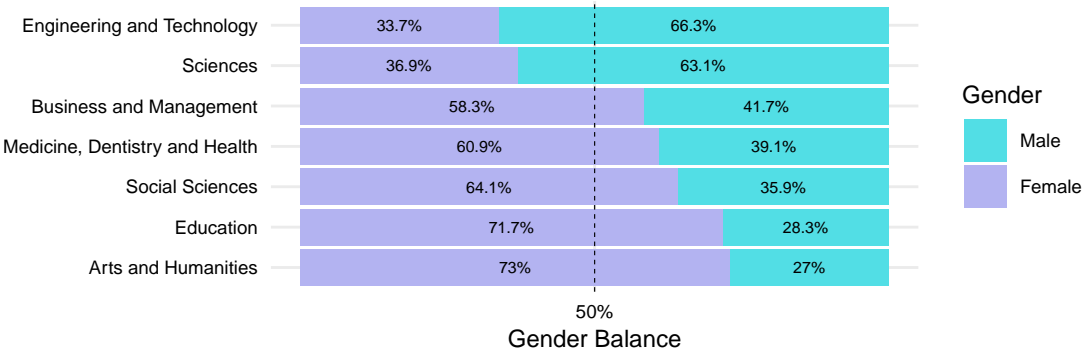
**Are male and female students equally represented among the graduates who will build the future of Hong Kong?**

## Key Findings

### Gender Balance by Category

The gender balance varies greatly by Academic Programme Category. Some categories are dominated by female graduates and others by male. On average, over the 10 academic years considered, 54.9% of the graduates were women.

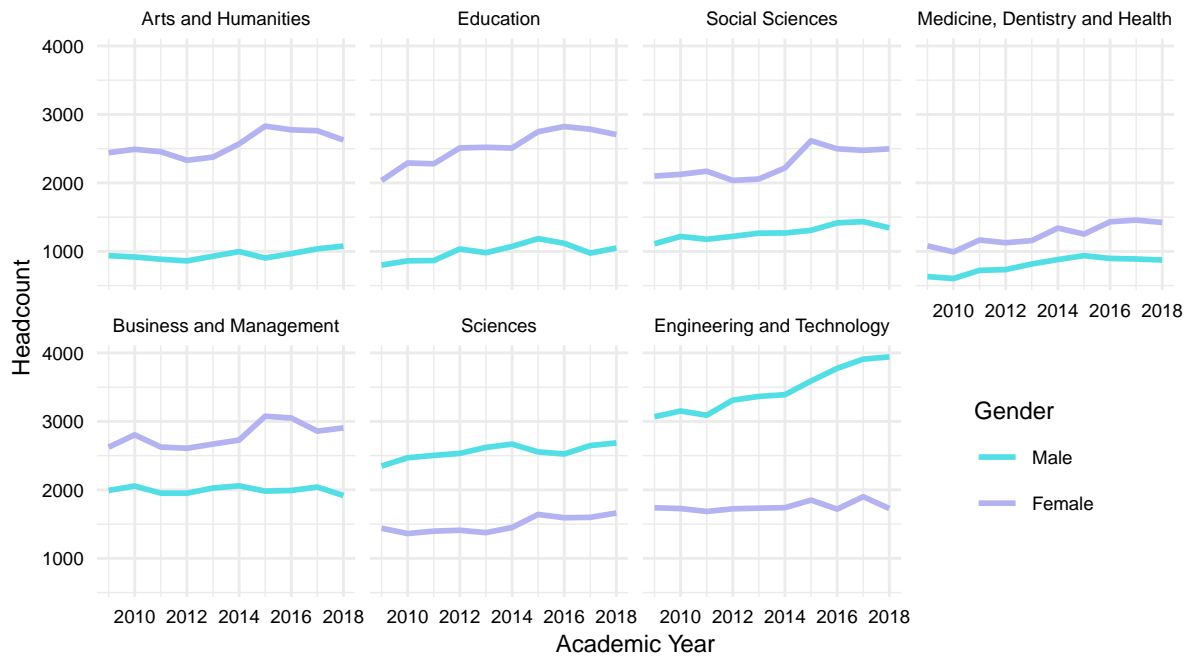
The gender balance varies greatly by category



## Evolution Over Time

The gender imbalance in Engineering and Technology is increasing. Despite the overall growth of the number of graduates, the number of female graduates has remained stable. The percentage of men went up from 63.8% in 2009/10 to 69.5% in 2018/19.

Number of graduates by category and gender  
Over the last 10 academic years



## Conclusion

We highlight two key observations that we made when exploring the data. These actionable insights aim at informing decision-makers: UGS programme leads or other policymakers.

This report highlights the importance of open data for democratic control of government-funded institutions as well as for informing the public and politicians.