Viz of the Week

Team 6

Carl Xi, Yaping Zhang, Mayur Kumar, Allegra Noto

Bad Chart we found :(

Bad Chart we found :(

Source: Bockstedt.com

What's wrong?

    Too many bars

    Is it favorite skills or how good he is? Inconsistent labelling

What's right?

    Good labelling

    That's it

// FAVORITE SKILLS

- Data Networking
- Data Visualization
- Econometrics & Statistics
- Tableau
- HTML
- Data Mining
- Machine Learning
- Experiment Design
- CSS
- STATA
- Perl
- Android Development
- Information Security
- ASP.NET
- Python
- R
- C
- Illustrator
- InDesign
- Java
- JavaScript
- JQuery
- Xcode & Obj. C
- Photoshop

Beginner　　Proficient　　Expert　　Master
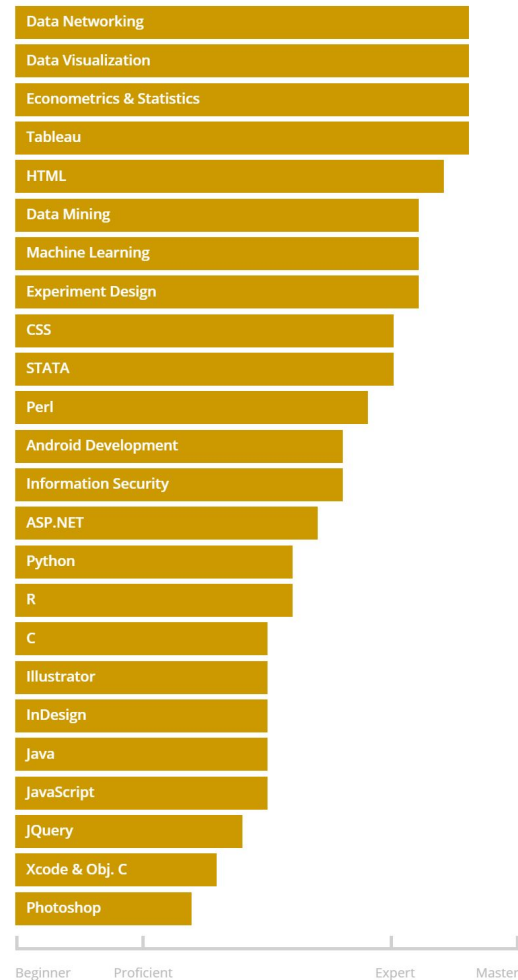
Don't worry, we fixed it.

What's right?

    You don't even have to read the little ones

    Skill is shown through size AND color

    More descriptive and consistent labelling

Prof. B's Skill Level in Skills
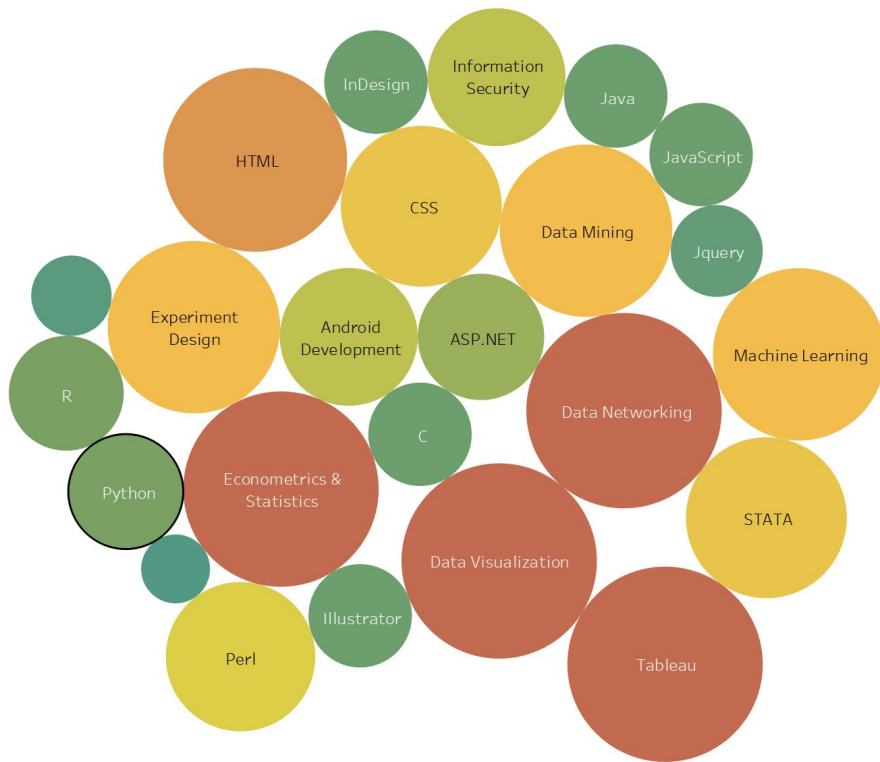
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Source: Canadian Board Diversity Council

Figure 5.4

Share of Women in the Labour Force and in Top Positions
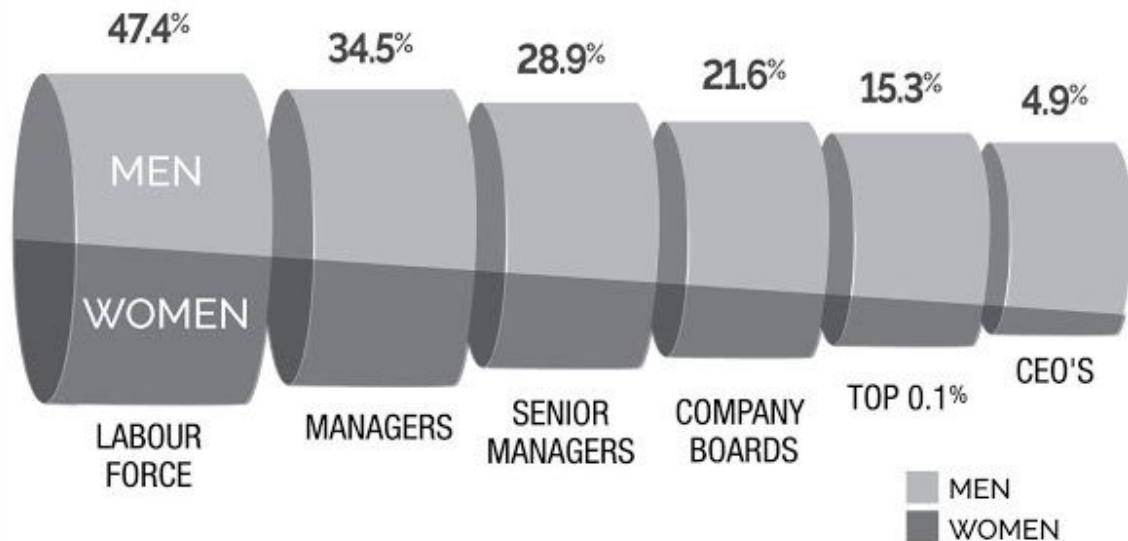
47.4%   34.5%   28.9%   21.6%   15.3%   4.9%

MEN

WOMEN

LABOUR FORCE   MANAGERS   SENIOR MANAGERS   COMPANY BOARDS   TOP 0.1%   CEO'S

MEN
WOMEN

Intended Message

Figure 5.4

Share of Women in the Labour Force and in Top Positions

47.4% 34.5% 28.9% 21.6% 15.3% 4.9%

MEN

WOMEN

LABOUR FORCE   MANAGERS   SENIOR MANAGERS   COMPANY BOARDS   TOP 0.1%   CEO'S

MEN
WOMEN

Source: Catalyst; Canadian Board Diversity Council; Labour Force Survey, Longitudinal Administrative Databank, Statistics Canada, Department of Finance Canada calculations.
Note: Data are for 2017 or latest available year.

Attempts to show that with increasing seniority comes an increased gender disparity

Well Executed Elements

Figure 5.4

Share of Women in the Labour Force and in Top Positions

47.4% 34.5% 28.9% 21.6% 15.3% 4.9%

MEN

WOMEN

LABOUR FORCE MANAGERS SENIOR MANAGERS COMPANY BOARDS TOP 0.1% CEO'S
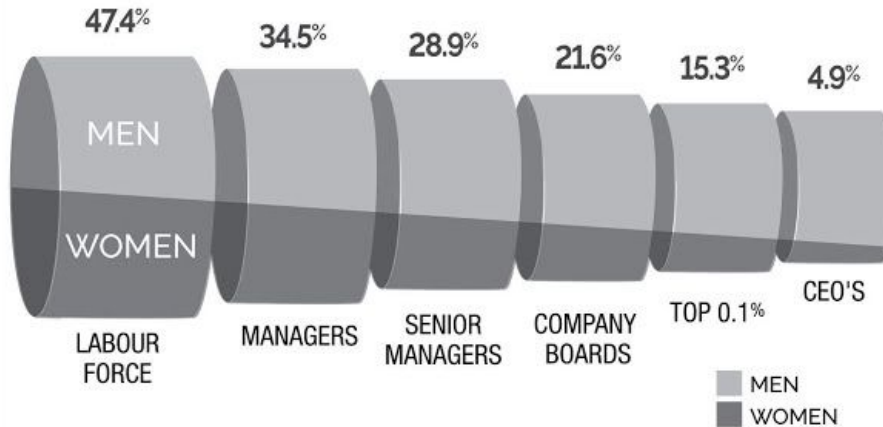
MEN
WOMEN

Source: Catalyst; Canadian Board Diversity Council; Labour Force Survey, Longitudinal Administrative Databank, Statistics Canada, Department of Finance Canada calculations.
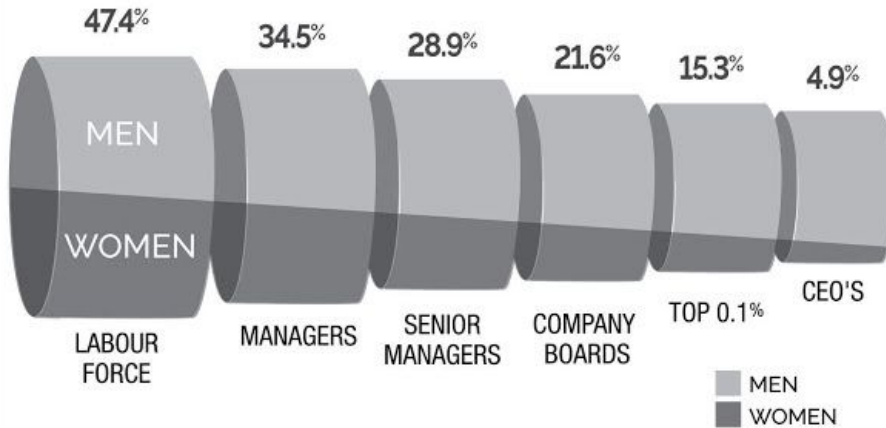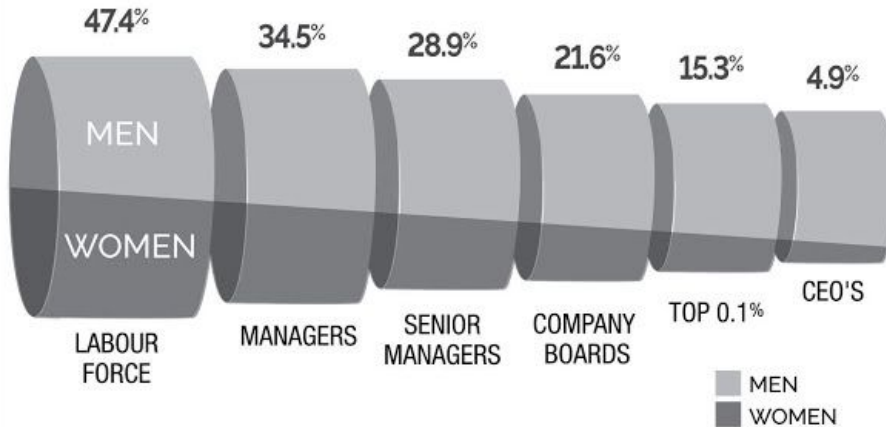Note: Data are for 2017 or latest available year.

- Categories are well organized
- Clearly labelled
- The message is easily extracted

Areas for Improvement

Figure 5.4

Share of Women in the Labour Force and in Top Positions

- What does area represent?
- Use more descriptive colors
- Eliminate ink, use a legend or label
- Move percentage labels
- Increase title readability
- Eliminate unclear categories
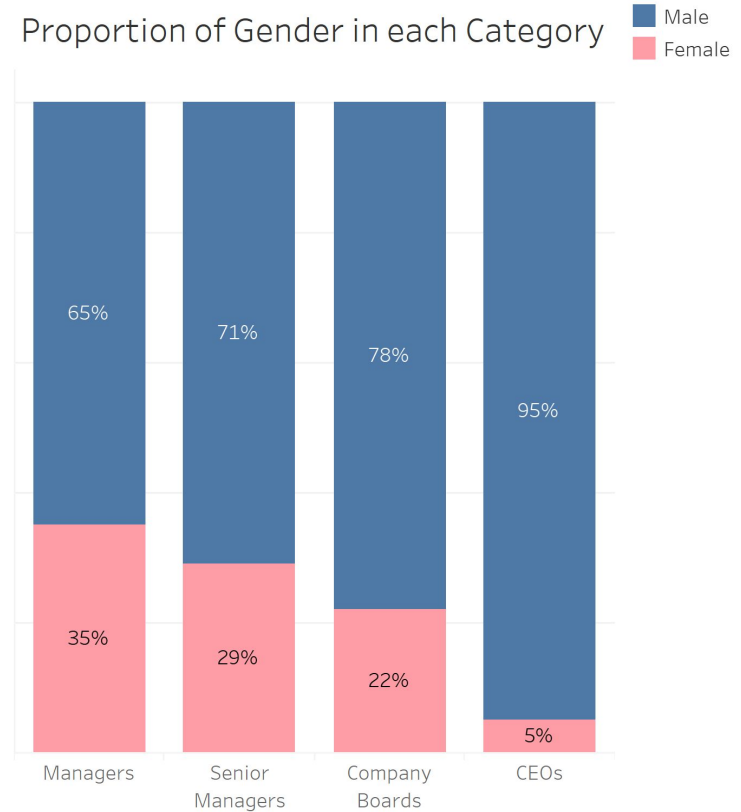
Improved Design

- More meaningful use of color
- Clear labelling
- Elimination of unclear category
- Better use of total labour force category

Women in Top Positions
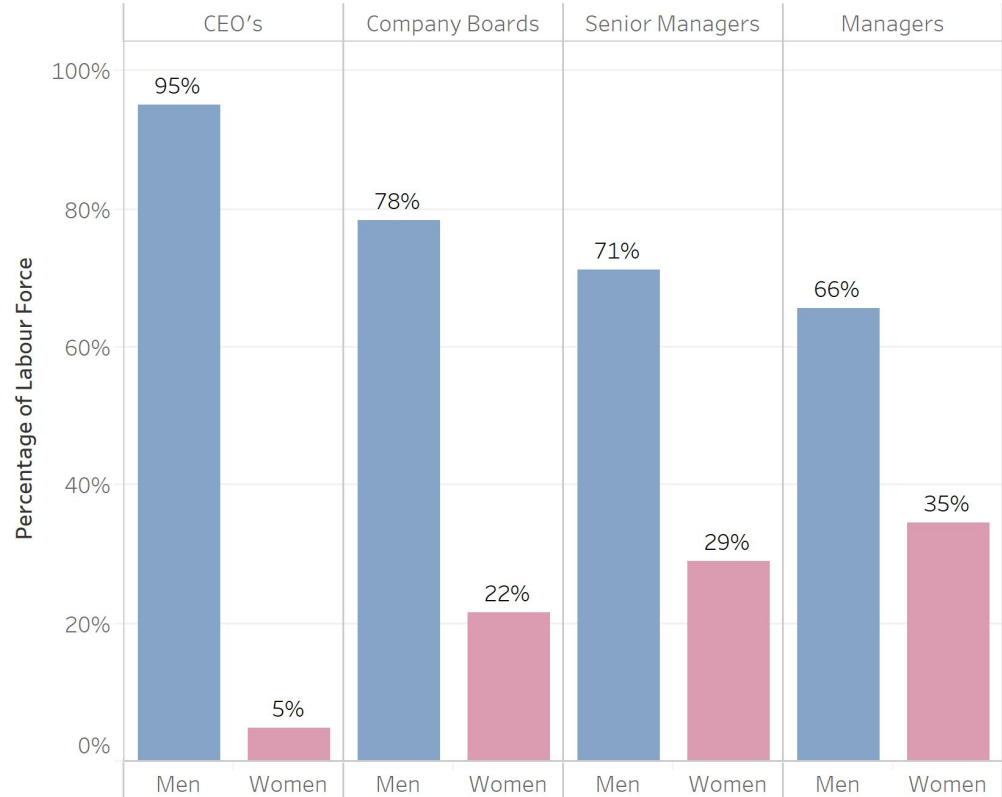
Alternative Design

- Cumulative Percentage Chart

Proportion of Gender in each Category

Legend: Male, Female

	Managers	Senior Managers	Company Boards	CEOs
Male	65%	71%	78%	95%
Female	35%	29%	22%	5%

Any Questions?