KNOWLEDGE INSTITUTE OF TECHNOLOGY

ANALYTICS TOOL FOR PLACEMENTS

DATA ANALYTICS

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OBJECTIVE

- To analyses the “Analytics Tool for Placement” using IBM Cognos.

ABSTRACT

- This project employs an IBM Cognos-based analysis of a comprehensive dataset encompassing candidates' educational, professional backgrounds, and placement outcomes. Through rigorous examination, it delves into the correlation between educational performance and placement status, gender-based disparities in placements, the impact of prior work experience, and the connection between specialization and salary offers. By scrutinizing these factors, the study aims to extract pivotal insights into the determinants shaping placement outcomes. This comprehensive analysis promises to offer valuable insights for educational institutions and employers seeking to optimize their recruitment strategies and enhance candidate placement success.

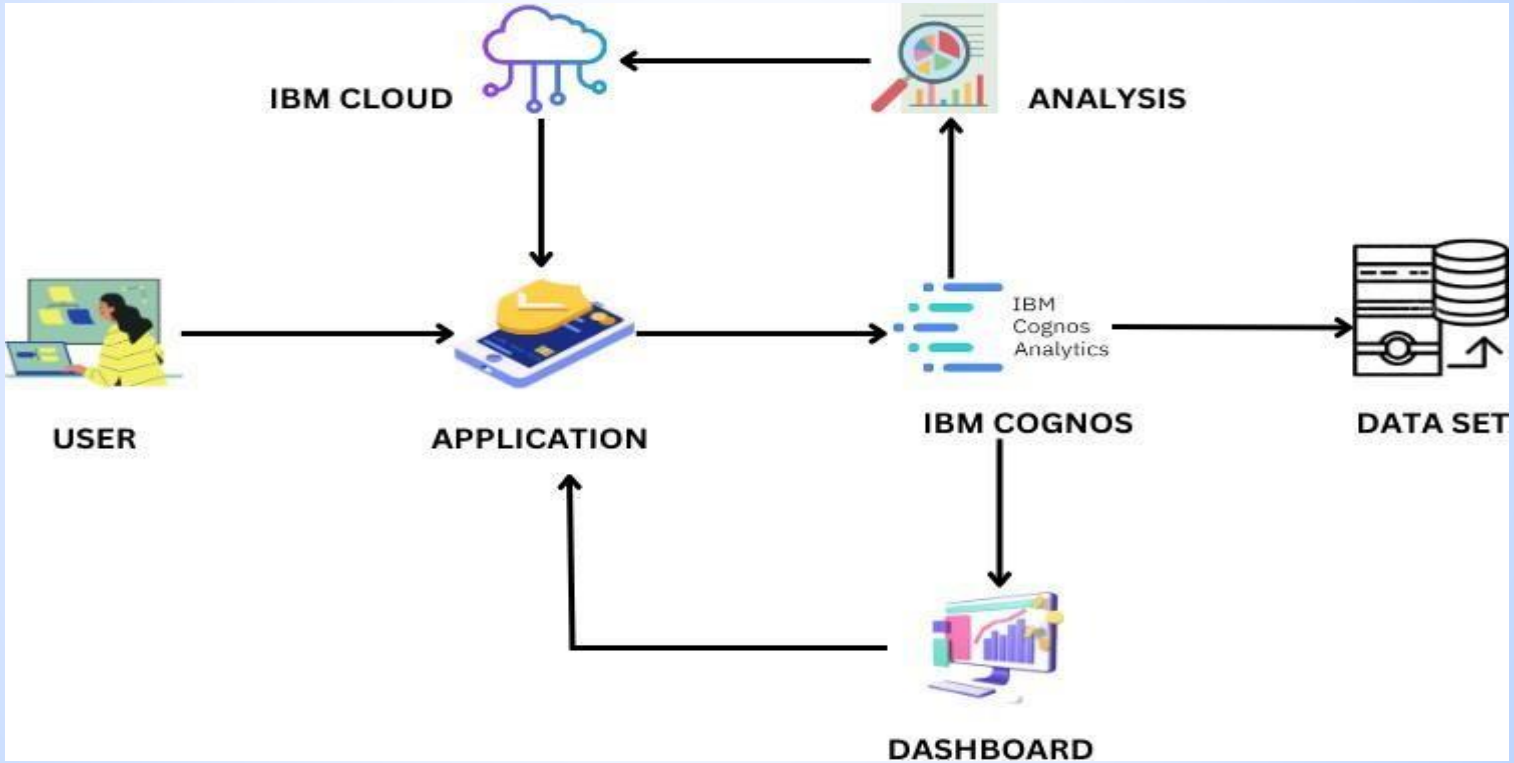
PROBLEM STATEMENT

- Develop an analysis tool for optimizing the placement process in organizations. The current placement process is manual, time-consuming, and lacks data-driven decision-making, leading to suboptimal hiring outcomes. HR teams struggle to match candidate skills with job requirements efficiently, resulting in longer recruitment cycles and high turnover. The absence of centralized data makes it challenging to track candidate progress and measure placement success. We need a solution to streamline the placement process, automate candidate-job matching, provide actionable insights, and enhance overall placement efficiency.

SOLUTION

- Our solution is a Cognos-based placement analysis tool that integrates with existing placement systems. It allows for real-time data collection, reporting, and visualization of placement-related data. The tool's features include customizable dashboards, predictive analytics, and data-driven recommendations to streamline the placement process, improve matching accuracy, and enhance overall placement success. It empowers decision-makers with actionable insights for data-informed strategies, ultimately optimizing the placement process and enhancing job seeker and employer satisfaction.

SOLUTION ARCHITECTURE



TOOLS USED

HARDWARE REQUIREMENS

Processor : Intel Core i3

RAM : 8 GB

Hard Disk : 500 GB

SOFTWARE REQUIREMENTS

Operating System : Windows

Language : HTML, CSS, JavaScript, Python

Program – Tool : Visual Studio Code

Web Framework : Flask

TOOL REQUIREMENTS

Operating System : Windows 10

Disk Space : 256 MB

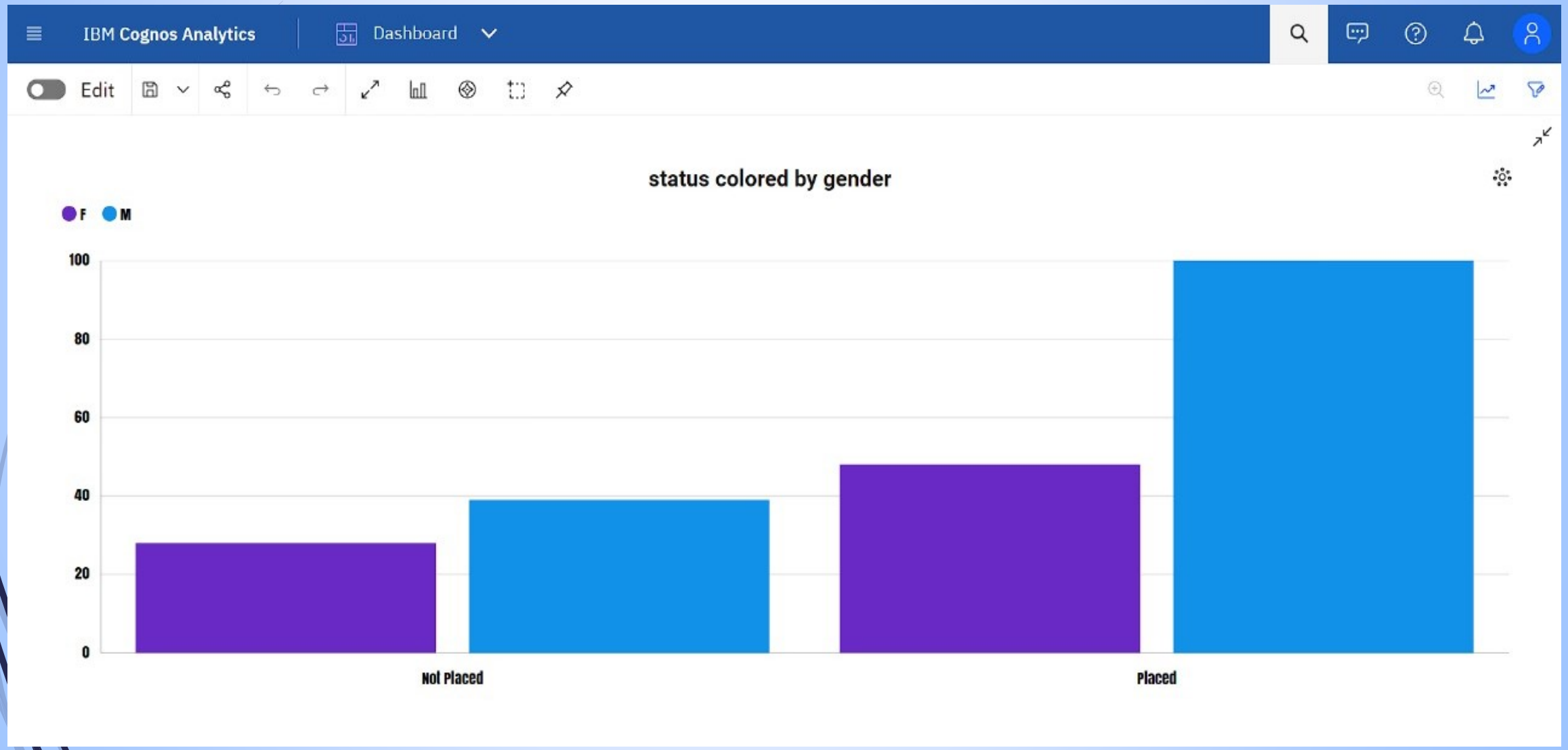
Processor : Intel atom processor

Version : 3.6.2

DASHBOARD


IBM Cognos Analytics
Dashboard
Maintenance: Cognos Analytics Maintenance: 21st of Oct, 9:00-17:00 UTC Click on...e what actions may be necessary and to subscribe to future events
Dismiss
More info
Edit
hsc_b
central
others
84
Central
sl_no (Count distinct): 84

DASHBOARD


IBM Cognos Analytics
Dashboard
Edit
status colored by gender
F
M
100
80
60
40
20
0
Not Placed
Placed

STORY

BASED ON SPECIALISATION

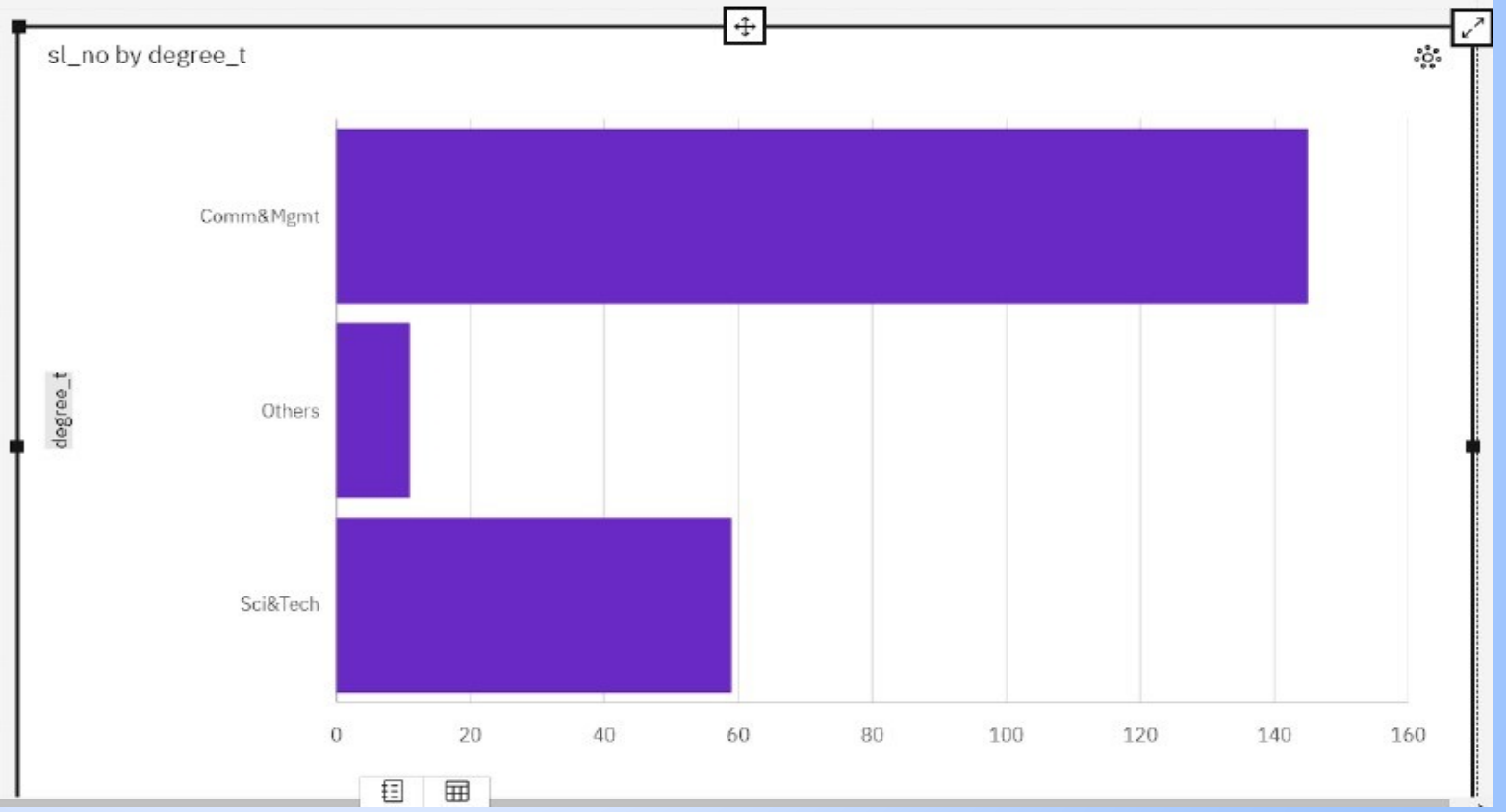
- specialisation Mkt&Fin has the highest sl_no due to gender M.
- gender M has the highest values of both sl_no and degree_p.
- gender M has the highest sl_no at 139, out of which specialisation Mkt&Fin contributed the most at 83.
- Mkt&Fin is the most frequently occurring category of specialisation with a count of 120 items with sl_no values (55.8 % of the total).
- The overall number of results for sl_no is 215.

STORY

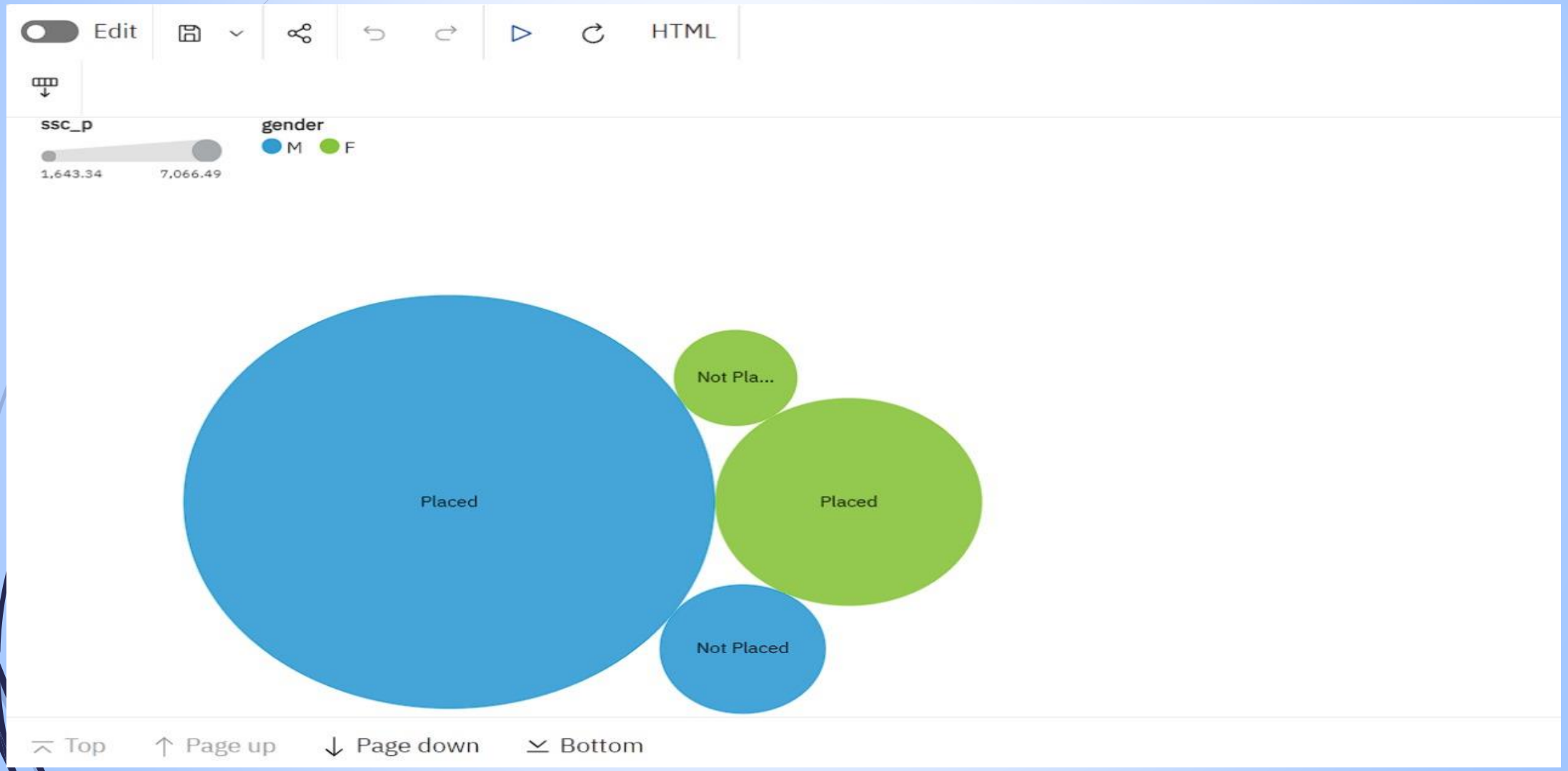
Edit

BASED ON DEGREE_T

- degree_t Comm&Mgmt has the highest values of both sl_no and salary.
- Comm&Mgmt is the most frequently occurring category of degree_t with a count of 145 items with sl_no values (67.4 % of the total).
- The total number of results for sl_no, across all degree_t, is 215.



REPORT


Edit
HTML
ssc_p
1,643.34
7,066.49
gender
M
F
Placed
Not Pla...
Placed
Not Placed
Top
Page up
Page down
Bottom

THANK YOU