

### *Contribution of group members*

Visualization tasks	Members' contribution
Data sources & Data collection	<p>Faeze: Nobel Prize data-computer category award and Math (Ruth Lyttle Satter award) - Collecting Times 100 people 2007-2016-2017</p> <p>Parvin: Finding data sources, (besides Nobel). Physics category- Collecting Times 100 people 2004-2006, 2010-2015</p> <p>Wen: Math category and collected (with python code and manually download) 255 images for all women and crop them into square shapes</p>
Main scatter plot & Legend	<p>Faeze: Circle arrangement in each grid for better visualization in a sorted way. Adding Grids. Proper ticks.</p> <p>Parvin: Initial scatter plot (first version of .js and .css files) reading initial dataset to the plot. Interactive functions for mouseover and mouseout. Function for mapping categories to ticks.</p>
Tooltip	Faeze
Legend	<p>Wen: Adding click on event for legends and toggle data points.</p> <p>Faeze: Touch ups for having rectangles and make legend looks like clickable buttons.</p> <p>Parvin: Order and customized color palette(based on Instructor's suggestion).</p>
Cell by Cell view in second svg	<p>Wen: All the functions, drawCell.js, clearCell.js,</p> <ul style="list-style-type: none"> <li>-Clean up women names in input data</li> <li>-Filter data upon selection on DOM,</li> <li>-Created patterns and append image to svg circles</li> <li>- Force layout to avoid collision</li> </ul>

HTML layout design for github	<p>Parvin: main layout</p> <p>Faeze: Add some styling to main layout</p> <p>Wen: Add resources related to used layouts.</p>
Final touch ups	<p>Wen: Refined data file to avoid overlap between images in second layout.</p> <p>Parvin: redesigned ticks and grids.</p> <p>Looked through data file to clean up unrecognizable characters in the file.</p> <p>Faeze: Looked through data file to clean up unrecognizable characters in the file.</p>

[Github link](#)