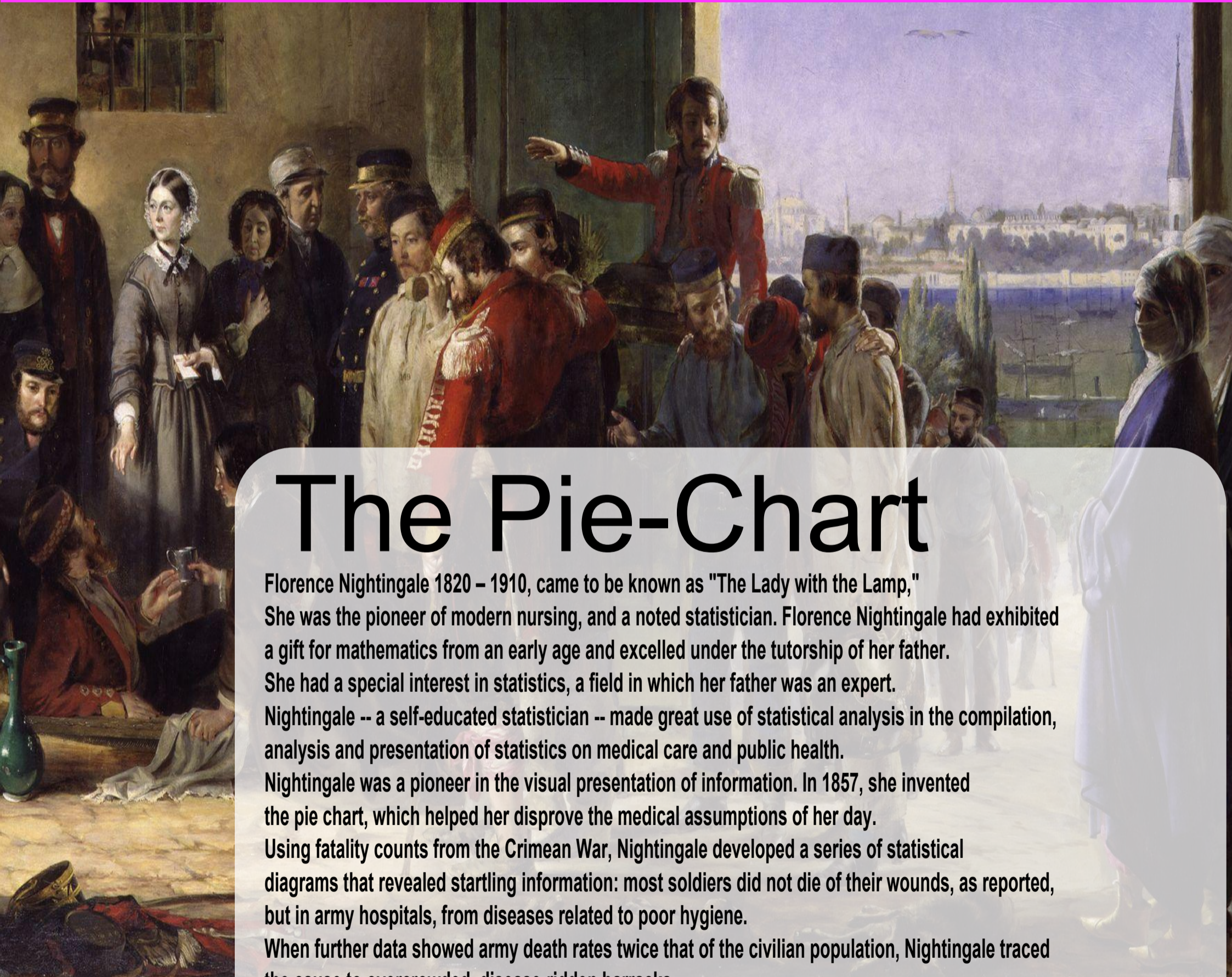


Florence Nightingale

The Woman who invented. . .



The Pie-Chart

Florence Nightingale 1820 – 1910, came to be known as "The Lady with the Lamp," She was the pioneer of modern nursing, and a noted statistician. Florence Nightingale had exhibited a gift for mathematics from an early age and excelled under the tutorship of her father. She had a special interest in statistics, a field in which her father was an expert. Nightingale -- a self-educated statistician -- made great use of statistical analysis in the compilation, analysis and presentation of statistics on medical care and public health. Nightingale was a pioneer in the visual presentation of information. In 1857, she invented the pie chart, which helped her disprove the medical assumptions of her day. Using fatality counts from the Crimean War, Nightingale developed a series of statistical diagrams that revealed startling information: most soldiers did not die of their wounds, as reported, but in army hospitals, from diseases related to poor hygiene. When further data showed army death rates twice that of the civilian population, Nightingale traced the cause to overcrowded, disease-ridden barracks. She used these charts in her report to the royal commission to force the British army to maintain nursing and medical care to soldiers in the field.

What will you invent?