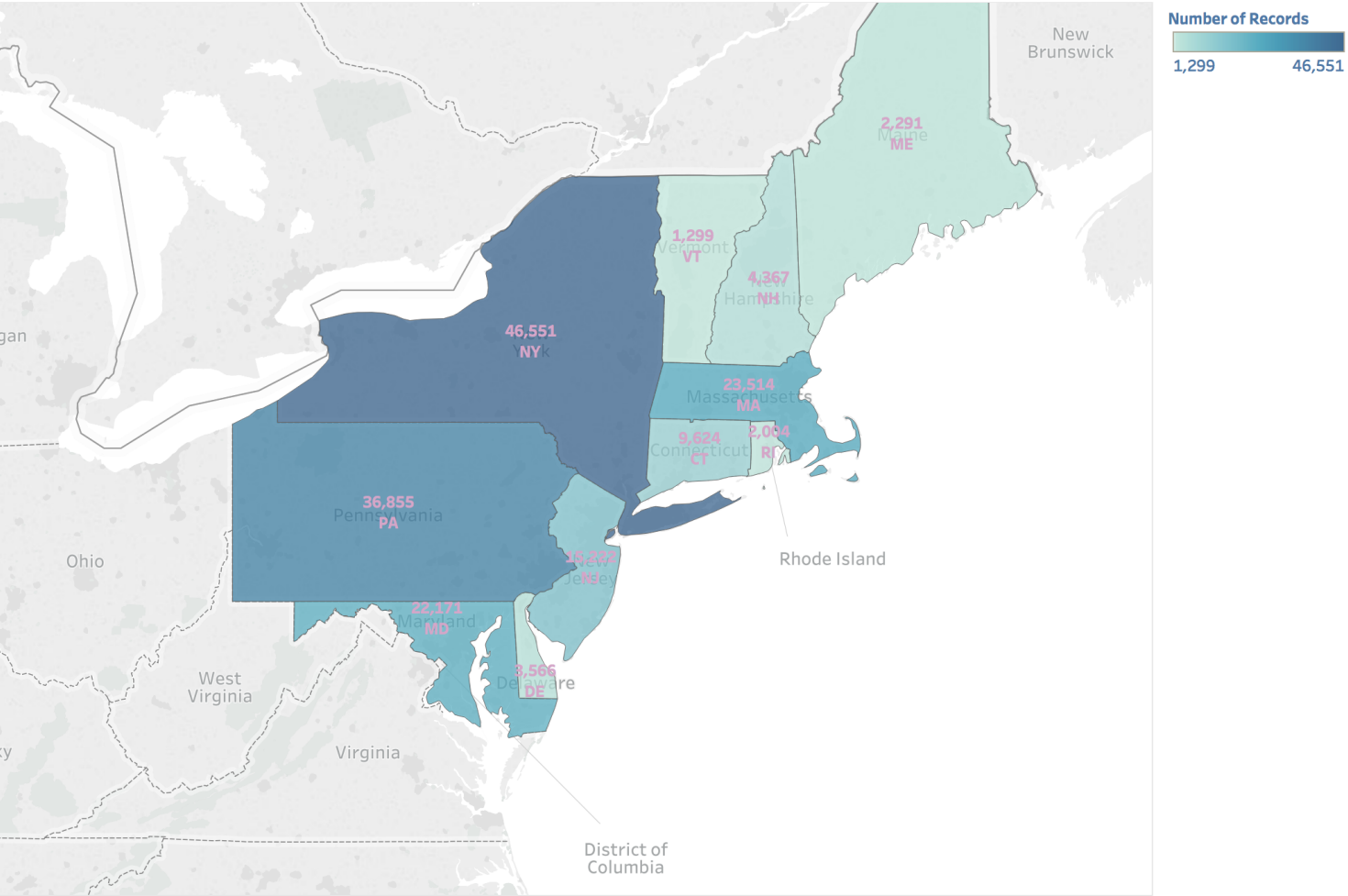


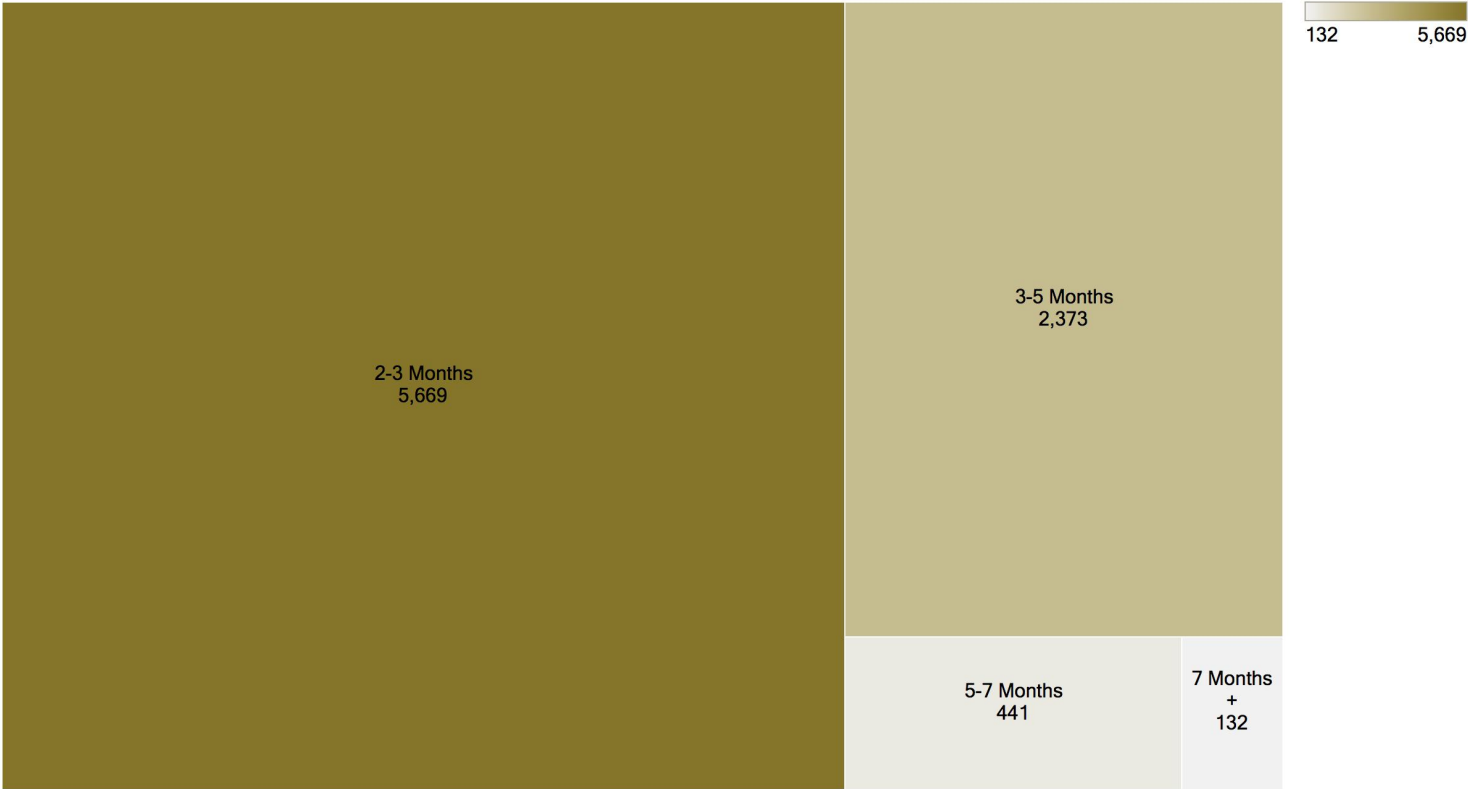
Making data-driven suggestions to combat skills gap in the state of New York using Burning Glass dataset using Tableau

The State of New York



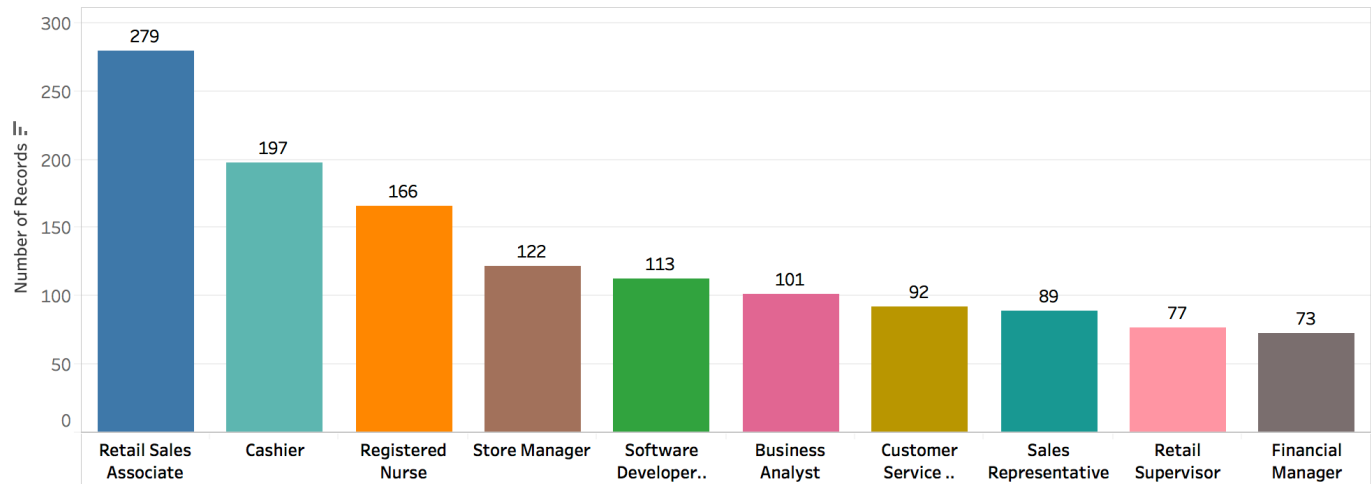
My focus for this project is the state of New York which has highest unfulfilled jobs, 46551. The state of Pennsylvania is second (36,855) followed by the state of Massachusetts (23,514).

TOTAL JOBS BY POSTING DURATION

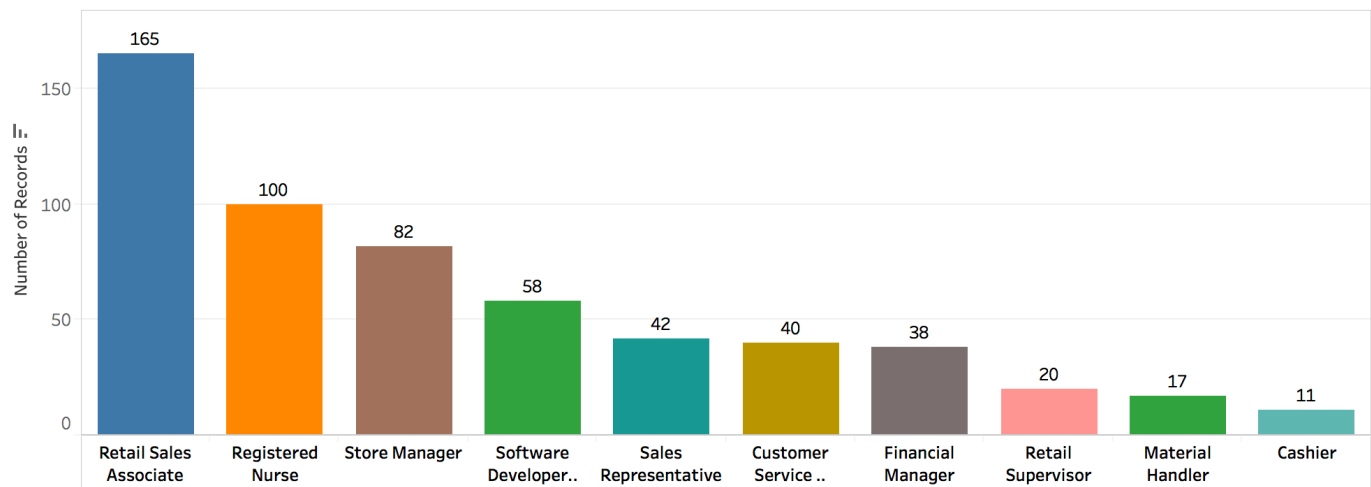


The Tree map shows the total number of jobs unfulfilled after 2 months or more. I will be focusing on jobs which went unfulfilled from 2 to 5 months span which forms the majority.

Top 10 Jobs for Posting Duration of 2-3 Months

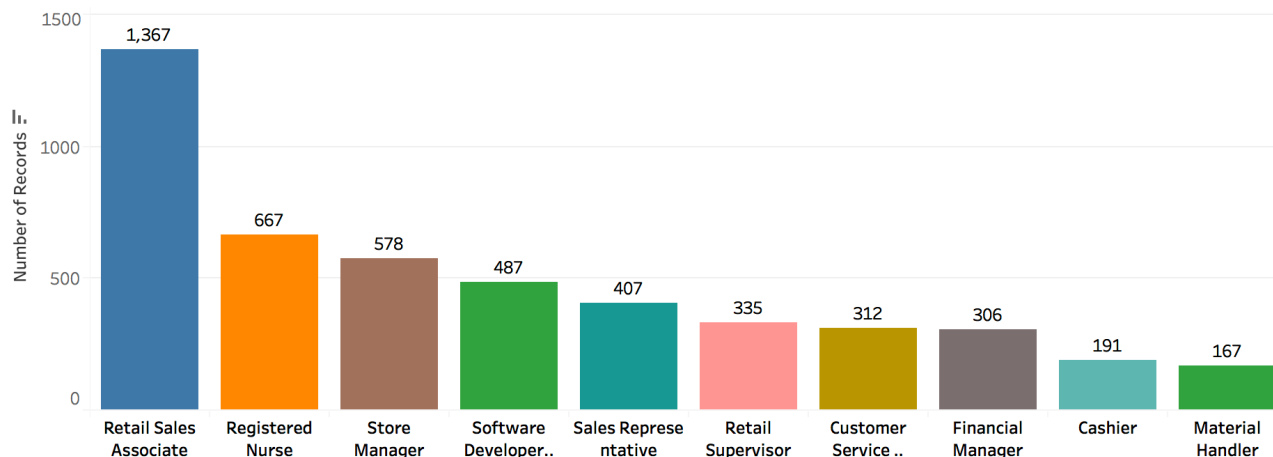


Top 10 Jobs for Posting Duration of 3-5 Months

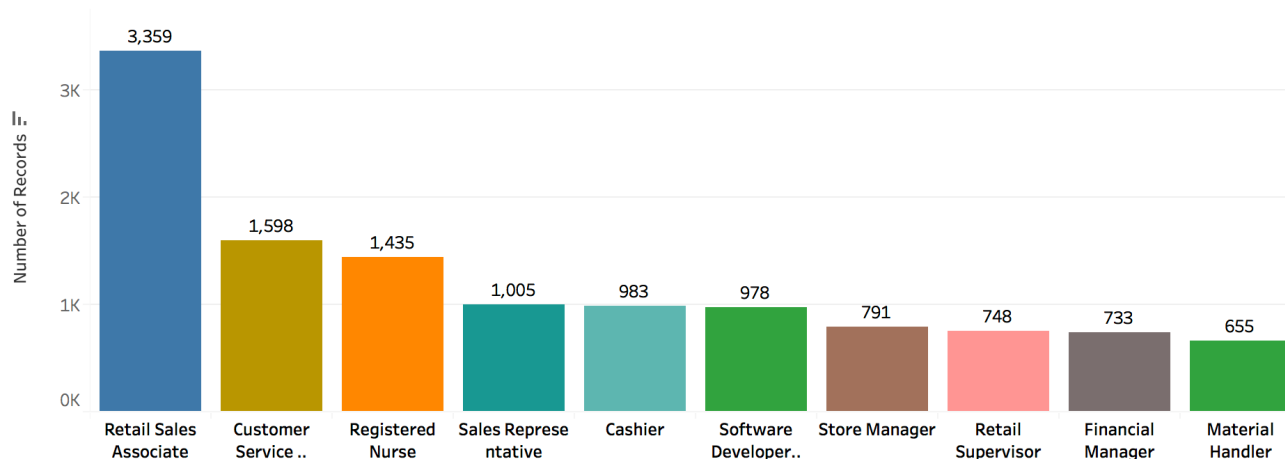


As seen in the bar graph the top 10 jobs which went unfulfilled from 2 to 5 months duration are almost the same. Only business analyst and material handler are different in 2-3 months and 3-5 months categories respectively. The sales sector along with healthcare sector has the most jobs which went unfulfilled. The major jobs in the sales sector are retail sales associate, store manager and sales representative. The major job in healthcare sector is registered nurse.

Top 10 Jobs for 0-5 Years of Experience



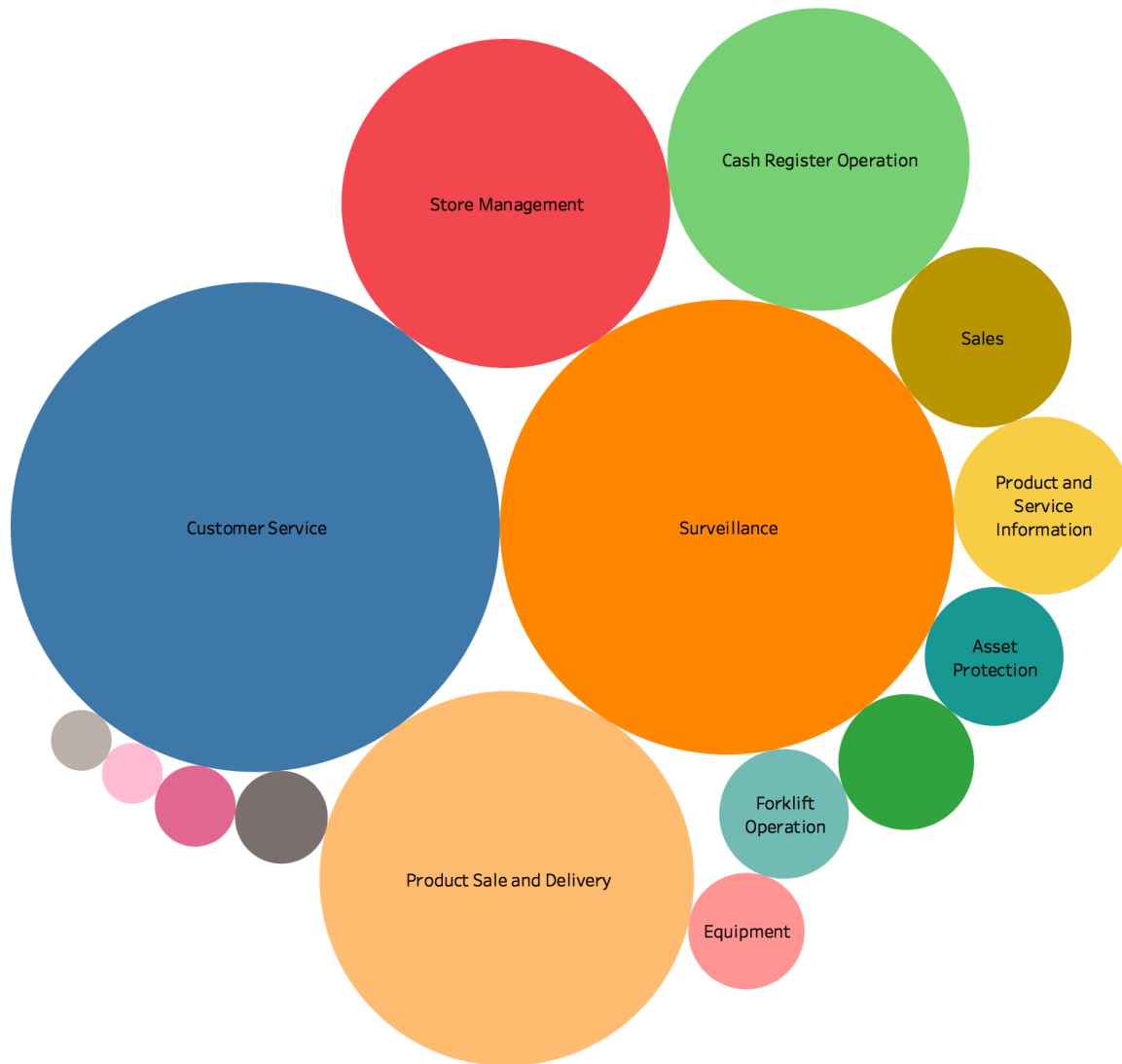
Top 10 Jobs for 6 to 8 Years of Experience



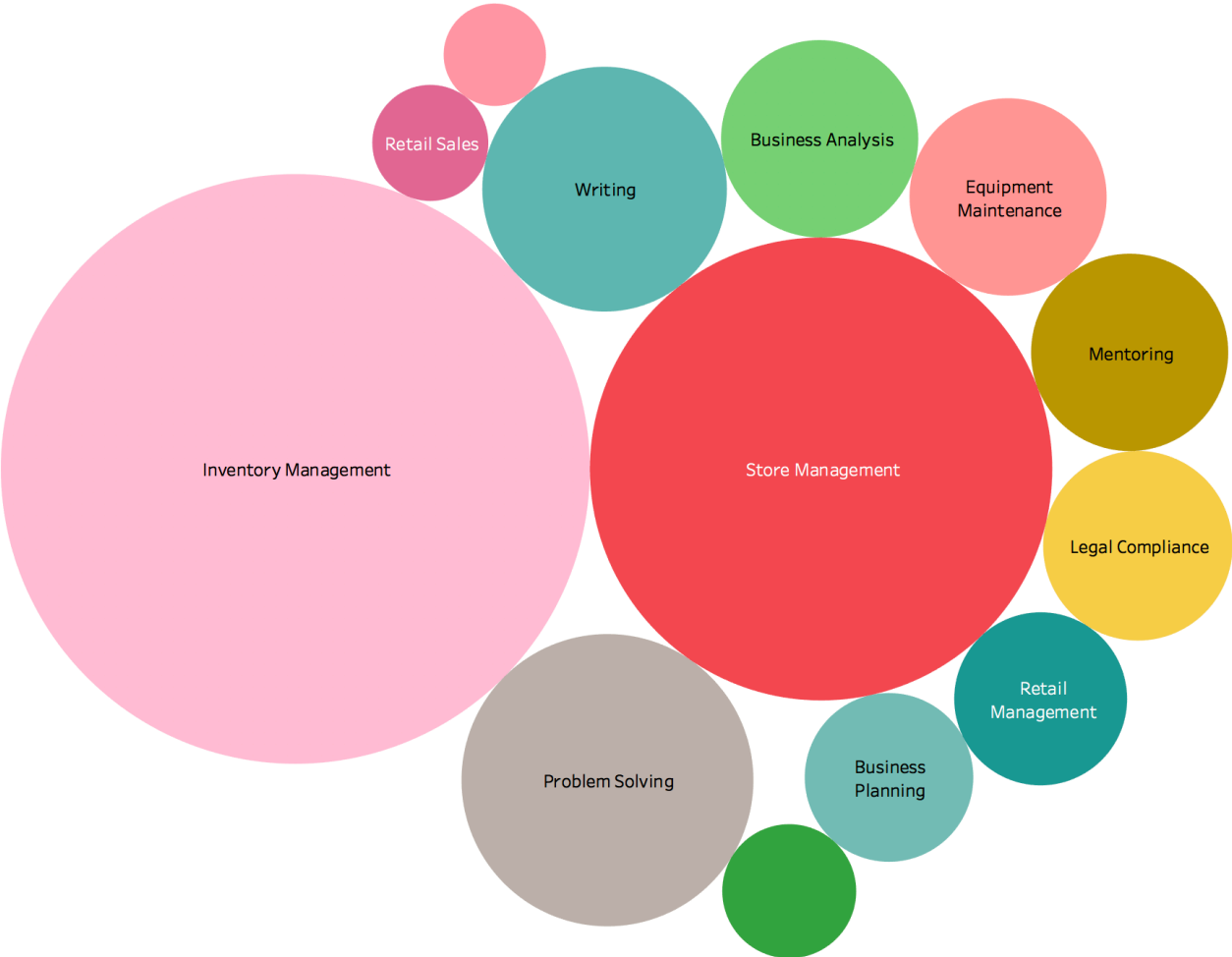
Also, the top 10 entry-level (0-5 years of experience) and mid-level (6 to 8 years of work experience) jobs which went unfulfilled are from sales and healthcare sector. Retail sales associates, store manager and sales representative are the top jobs from sales sectors while registered nurse remains the leading job in healthcare sector which remains vacant due to skills gaps.

We will now see the major skills required for these above 4 jobs. I believe if we impart training in these skills through college courses, certificate courses, government sponsored workshops and scholarships programs, we can improve the skills gap situation in the state of New York.

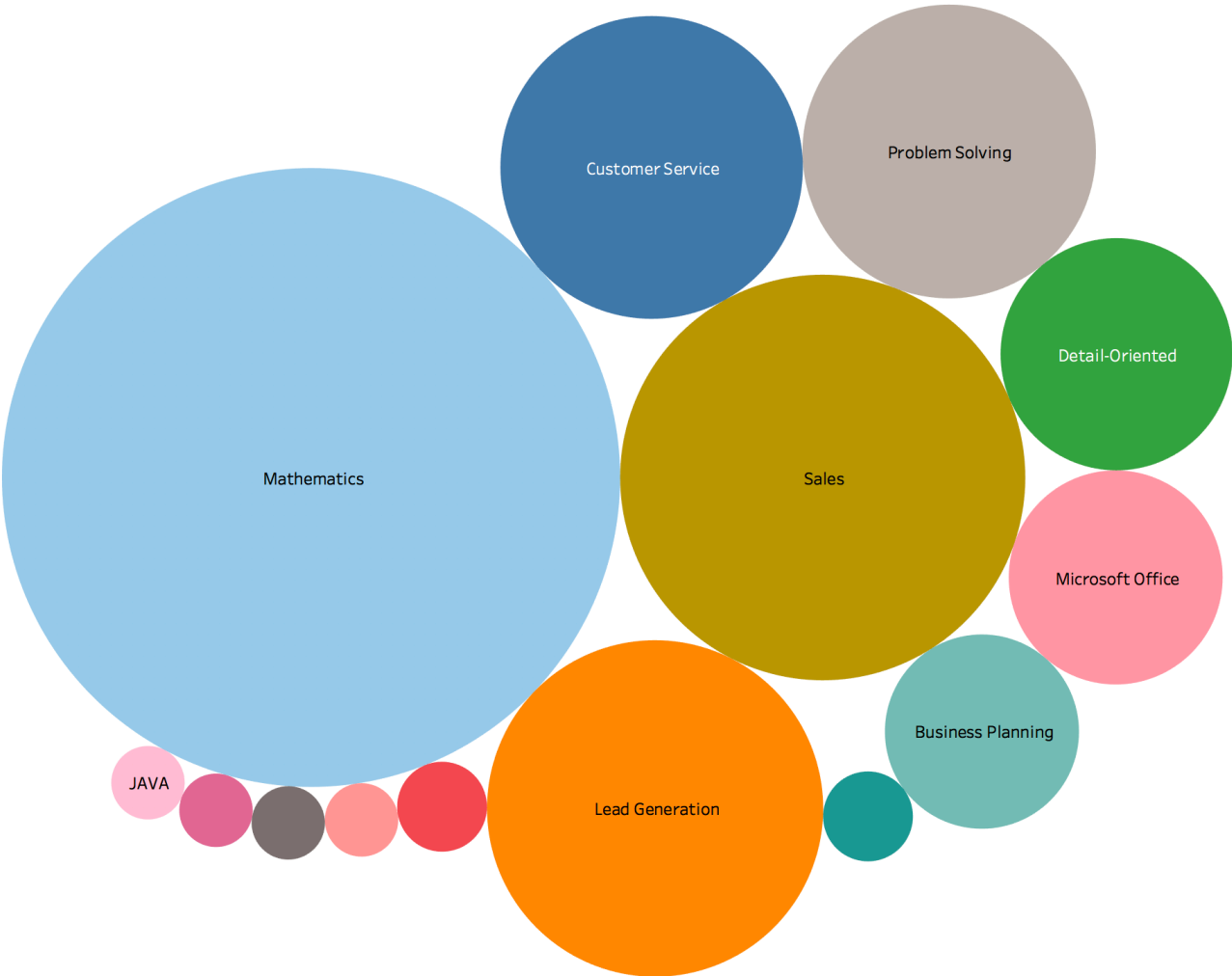
Skills Required for a Retail Sales Associate



Skills Required for a Store Manager



Skills Required for a Sales Representative



Skills Required for a Registered Nurse

