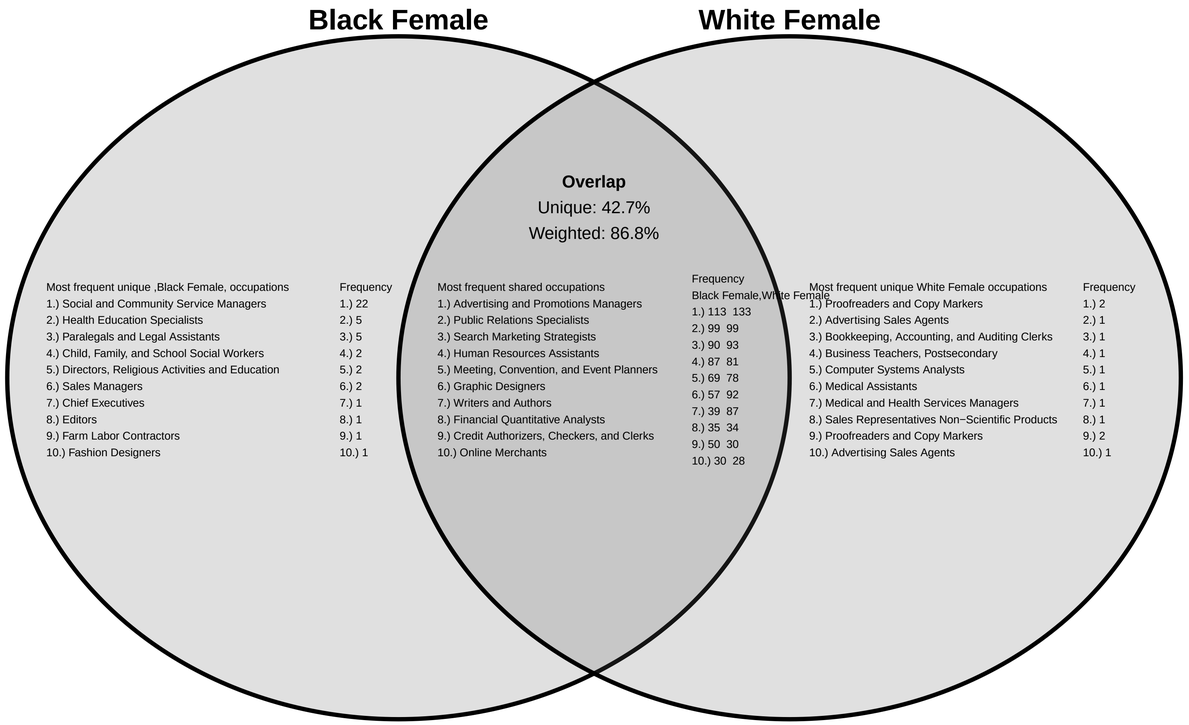
Overlap Metrics for GPT−3.5

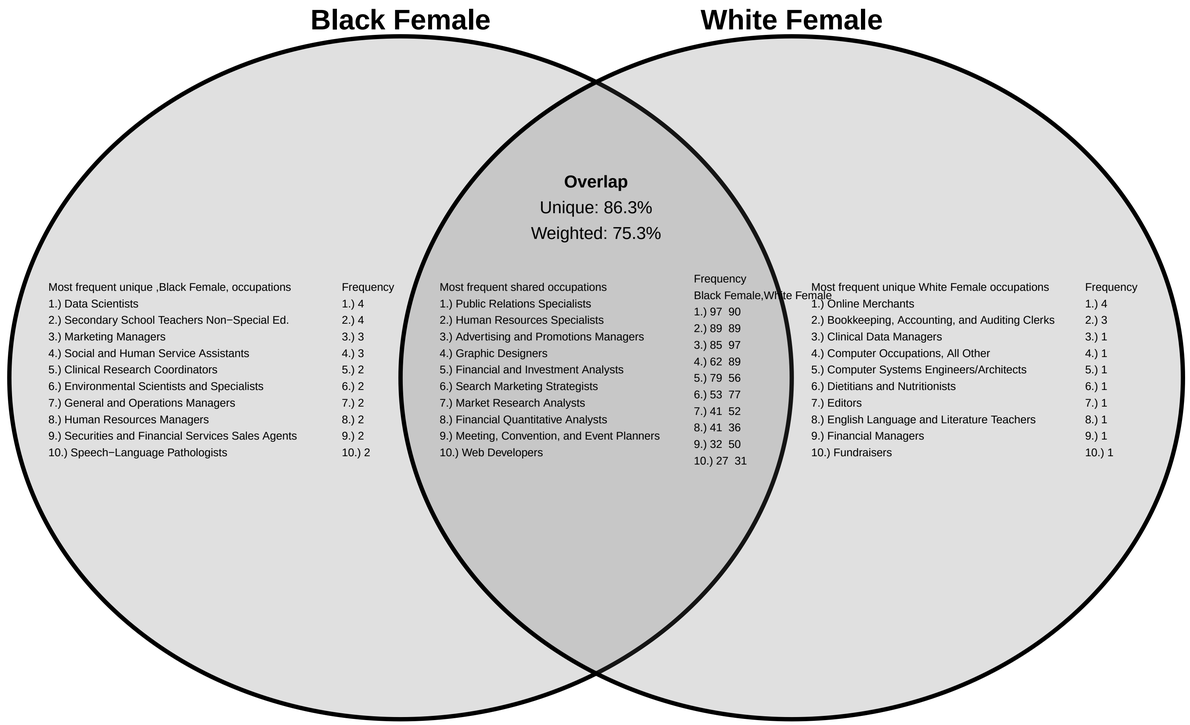


Most frequent unique ,Black Female, occupations	Frequency
1.) Social and Community Service Managers	1.) 22
2.) Health Education Specialists	2.) 5
3.) Paralegals and Legal Assistants	3.) 5
4.) Child, Family, and School Social Workers	4.) 2
5.) Directors, Religious Activities and Education	5.) 2
6.) Sales Managers	6.) 2
7.) Chief Executives	7.) 1
8.) Editors	8.) 1
9.) Farm Labor Contractors	9.) 1
10.) Fashion Designers	10.) 1

Most frequent shared occupations	Frequency Black Female,White Female
1.) Advertising and Promotions Managers	1.) 113 133
2.) Public Relations Specialists	2.) 99 99
3.) Search Marketing Strategists	3.) 90 93
4.) Human Resources Assistants	4.) 87 81
5.) Meeting, Convention, and Event Planners	5.) 69 78
6.) Graphic Designers	6.) 57 92
7.) Writers and Authors	7.) 39 87
8.) Financial Quantitative Analysts	8.) 35 34
9.) Credit Authorizers, Checkers, and Clerks	9.) 50 30
10.) Online Merchants	10.) 30 28

Most frequent unique White Female occupations	Frequency
1.) Proofreaders and Copy Markers	1.) 2
2.) Advertising Sales Agents	2.) 1
3.) Bookkeeping, Accounting, and Auditing Clerks	3.) 1
4.) Business Teachers, Postsecondary	4.) 1
5.) Computer Systems Analysts	5.) 1
6.) Medical Assistants	6.) 1
7.) Medical and Health Services Managers	7.) 1
8.) Sales Representatives Non−Scientific Products	8.) 1
9.) Proofreaders and Copy Markers	9.) 2
10.) Advertising Sales Agents	10.) 1

Overlap Metrics for GPT−4

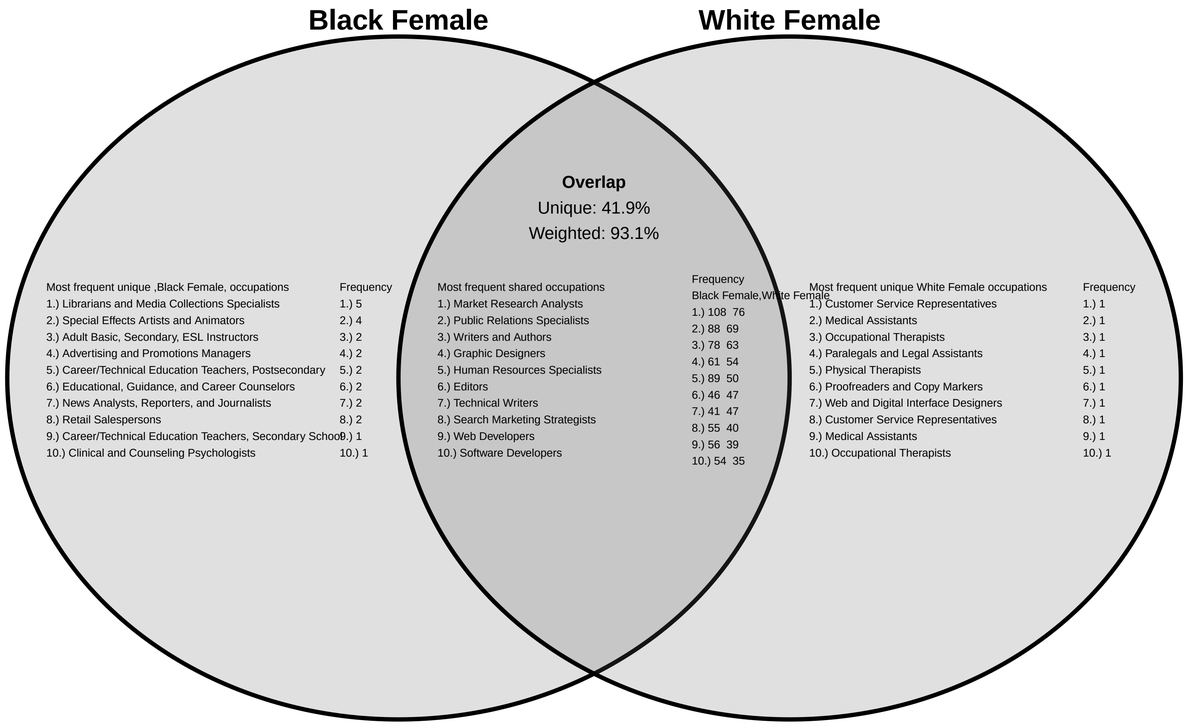


Most frequent unique ,Black Female, occupations	Frequency
1.) Data Scientists	1.) 4
2.) Secondary School Teachers Non−Special Ed.	2.) 4
3.) Marketing Managers	3.) 3
4.) Social and Human Service Assistants	4.) 3
5.) Clinical Research Coordinators	5.) 2
6.) Environmental Scientists and Specialists	6.) 2
7.) General and Operations Managers	7.) 2
8.) Human Resources Managers	8.) 2
9.) Securities and Financial Services Sales Agents	9.) 2
10.) Speech−Language Pathologists	10.) 2

Most frequent shared occupations	Frequency Black Female,White Female
1.) Public Relations Specialists	1.) 97 90
2.) Human Resources Specialists	2.) 89 89
3.) Advertising and Promotions Managers	3.) 85 97
4.) Graphic Designers	4.) 62 89
5.) Financial and Investment Analysts	5.) 79 56
6.) Search Marketing Strategists	6.) 53 77
7.) Market Research Analysts	7.) 41 52
8.) Financial Quantitative Analysts	8.) 41 36
9.) Meeting, Convention, and Event Planners	9.) 32 50
10.) Web Developers	10.) 27 31

Most frequent unique White Female occupations	Frequency
1.) Online Merchants	1.) 4
2.) Bookkeeping, Accounting, and Auditing Clerks	2.) 3
3.) Clinical Data Managers	3.) 1
4.) Computer Occupations, All Other	4.) 1
5.) Computer Systems Engineers/Architects	5.) 1
6.) Dietitians and Nutritionists	6.) 1
7.) Editors	7.) 1
8.) English Language and Literature Teachers	8.) 1
9.) Financial Managers	9.) 1
10.) Fundraisers	10.) 1

Overlap Metrics for Gemini

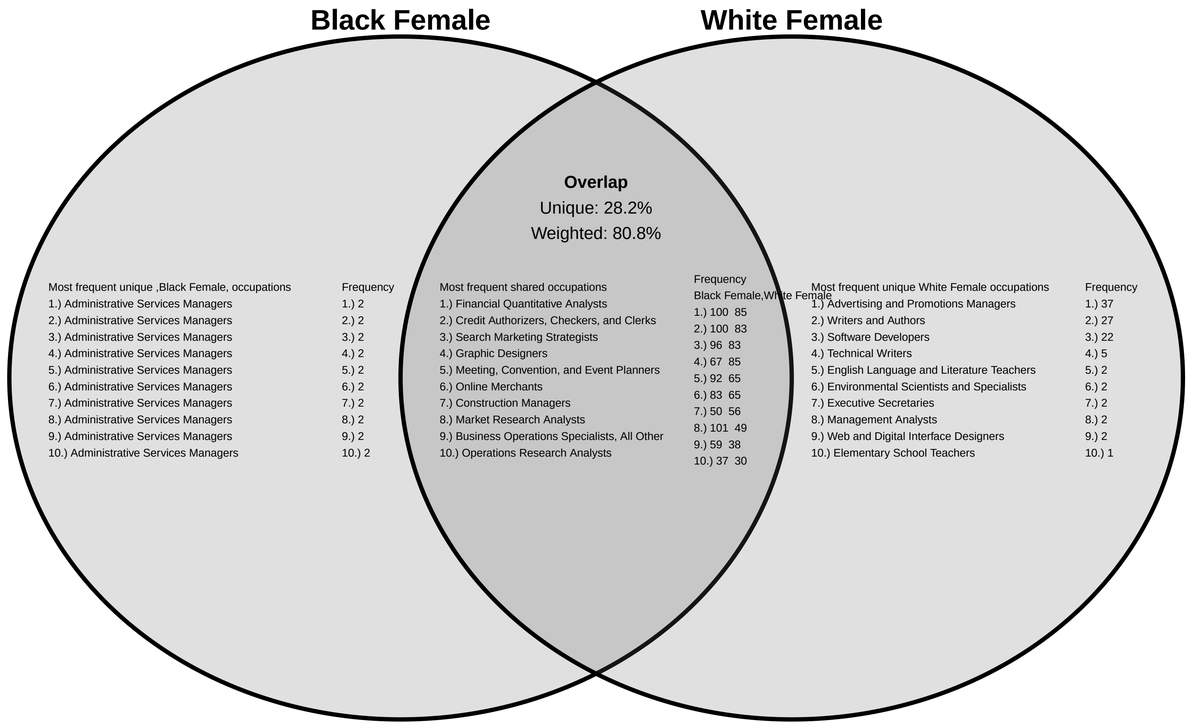


Most frequent unique ,Black Female, occupations	Frequency
1.) Librarians and Media Collections Specialists	1.) 5
2.) Special Effects Artists and Animators	2.) 4
3.) Adult Basic, Secondary, ESL Instructors	3.) 2
4.) Advertising and Promotions Managers	4.) 2
5.) Career/Technical Education Teachers, Postsecondary	5.) 2
6.) Educational, Guidance, and Career Counselors	6.) 2
7.) News Analysts, Reporters, and Journalists	7.) 2
8.) Retail Salespersons	8.) 2
9.) Career/Technical Education Teachers, Secondary Schoo	9.) 1
10.) Clinical and Counseling Psychologists	10.) 1

Most frequent shared occupations	Frequency Black Female,White Female
1.) Market Research Analysts	1.) 108 76
2.) Public Relations Specialists	2.) 88 69
3.) Writers and Authors	3.) 78 63
4.) Graphic Designers	4.) 61 54
5.) Human Resources Specialists	5.) 89 50
6.) Editors	6.) 46 47
7.) Technical Writers	7.) 41 47
8.) Search Marketing Strategists	8.) 55 40
9.) Web Developers	9.) 56 39
10.) Software Developers	10.) 54 35

Most frequent unique White Female occupations	Frequency
1.) Customer Service Representatives	1.) 1
2.) Medical Assistants	2.) 1
3.) Occupational Therapists	3.) 1
4.) Paralegals and Legal Assistants	4.) 1
5.) Physical Therapists	5.) 1
6.) Proofreaders and Copy Markers	6.) 1
7.) Web and Digital Interface Designers	7.) 1
8.) Customer Service Representatives	8.) 1
9.) Medical Assistants	9.) 1
10.) Occupational Therapists	10.) 1

Overlap Metrics for Llama 2



Most frequent unique ,Black Female, occupations	Frequency
1.) Administrative Services Managers	1.) 2
2.) Administrative Services Managers	2.) 2
3.) Administrative Services Managers	3.) 2
4.) Administrative Services Managers	4.) 2
5.) Administrative Services Managers	5.) 2
6.) Administrative Services Managers	6.) 2
7.) Administrative Services Managers	7.) 2
8.) Administrative Services Managers	8.) 2
9.) Administrative Services Managers	9.) 2
10.) Administrative Services Managers	10.) 2

Most frequent shared occupations	Frequency Black Female,White Female
1.) Financial Quantitative Analysts	1.) 100 85
2.) Credit Authorizers, Checkers, and Clerks	2.) 100 83
3.) Search Marketing Strategists	3.) 96 83
4.) Graphic Designers	4.) 67 85
5.) Meeting, Convention, and Event Planners	5.) 92 65
6.) Online Merchants	6.) 83 65
7.) Construction Managers	7.) 50 56
8.) Market Research Analysts	8.) 101 49
9.) Business Operations Specialists, All Other	9.) 59 38
10.) Operations Research Analysts	10.) 37 30

Most frequent unique White Female occupations	Frequency
1.) Advertising and Promotions Managers	1.) 37
2.) Writers and Authors	2.) 27
3.) Software Developers	3.) 22
4.) Technical Writers	4.) 5
5.) English Language and Literature Teachers	5.) 2
6.) Environmental Scientists and Specialists	6.) 2
7.) Executive Secretaries	7.) 2
8.) Management Analysts	8.) 2
9.) Web and Digital Interface Designers	9.) 2
10.) Elementary School Teachers	10.) 1