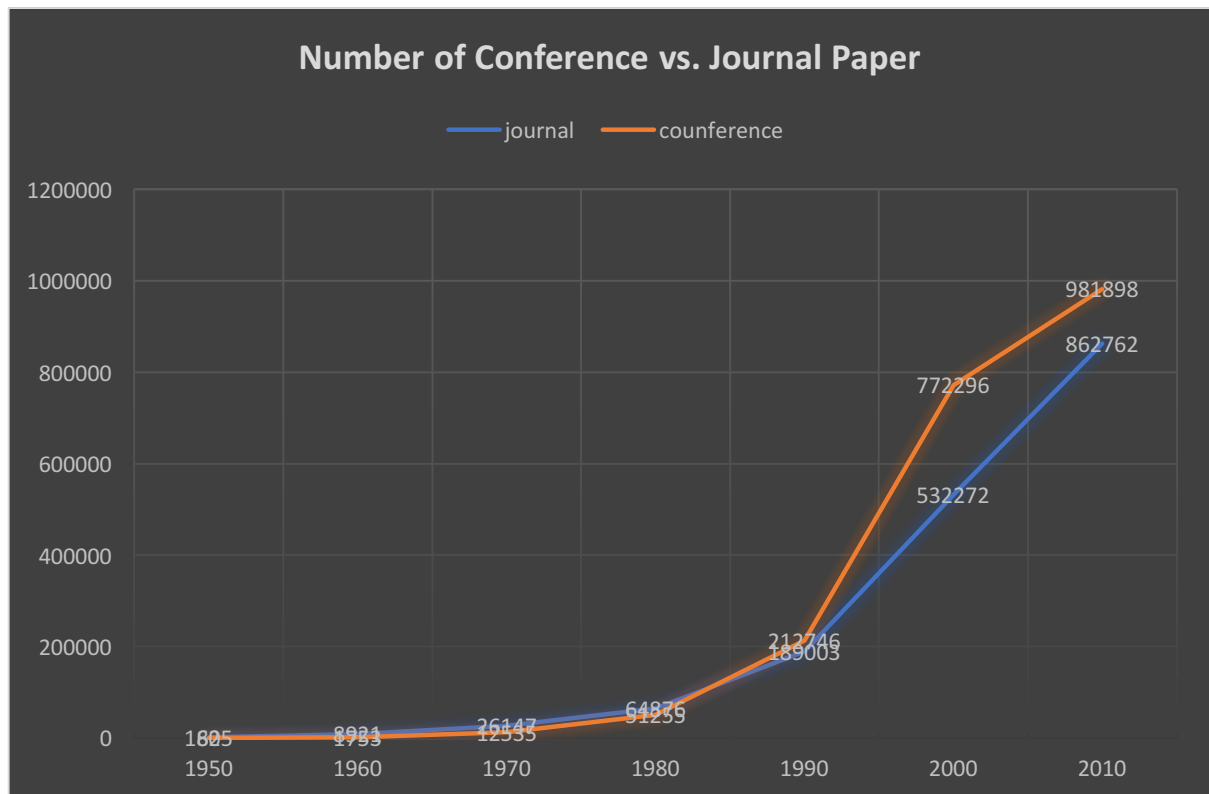


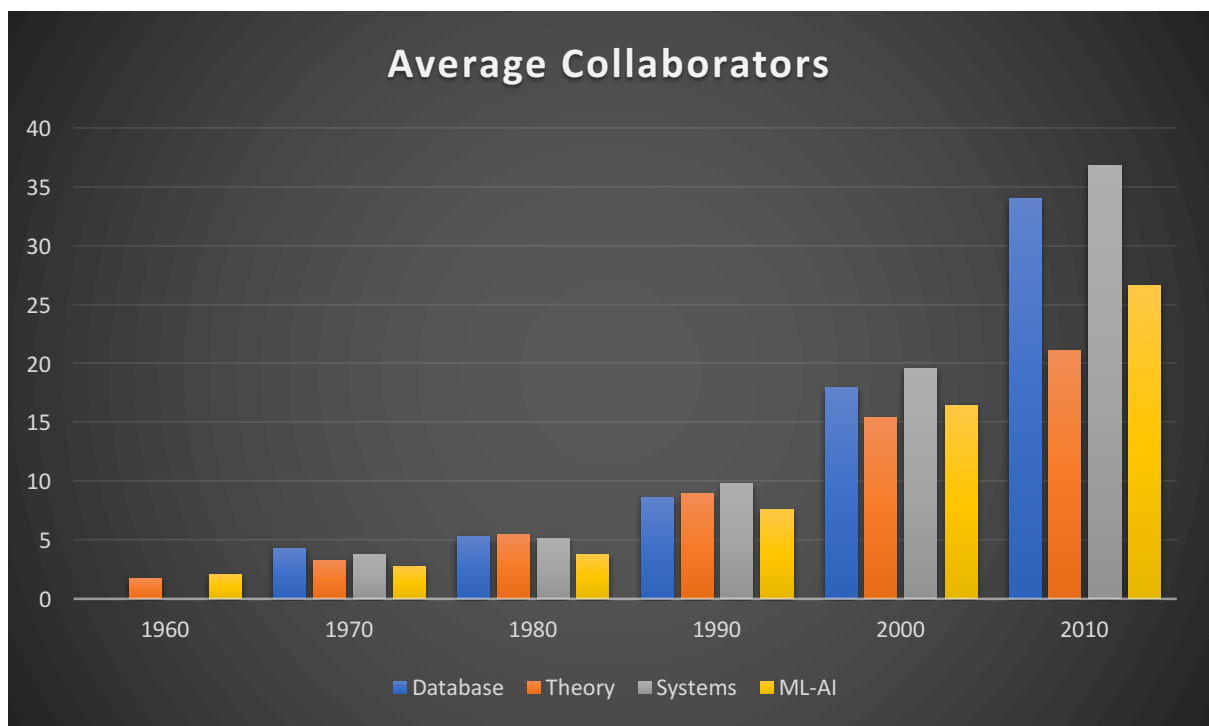
Q4a

| | journal | counference |
|------|---------|-------------|
| 1950 | 1625 | 80 |
| 1960 | 8921 | 1753 |
| 1970 | 26147 | 12535 |
| 1980 | 64876 | 51255 |
| 1990 | 189003 | 212746 |
| 2000 | 532272 | 772296 |
| 2010 | 862762 | 981898 |



q4b

| | Database | Theory | Systems | ML-AI |
|------|-------------|-------------|-------------|-------------|
| 1960 | | 1.851851852 | | 2.173913043 |
| 1970 | 4.338509317 | 3.325757576 | 3.816326531 | 2.790613718 |
| 1980 | 5.393787575 | 5.456074766 | 5.211881188 | 3.871086556 |
| 1990 | 8.62042503 | 8.9484375 | 9.809290954 | 7.603018868 |
| 2000 | 17.91876275 | 15.38447544 | 19.54833239 | 16.48100289 |
| 2010 | 34.00172018 | 21.085531 | 36.79418743 | 26.56432841 |



q4c

| | Database | Theory | Systems | ML-AI |
|------|-------------|-------------|-------------|-------------|
| 1960 | | 1.290322581 | | 1.746031746 |
| 1970 | 1.848484848 | 1.578018996 | 1.823232323 | 1.792105263 |
| 1980 | 2.060858424 | 1.875544493 | 2.269692924 | 1.821576763 |
| 1990 | 2.664611591 | 2.29111728 | 2.742883379 | 2.114958074 |
| 2000 | 3.403598972 | 2.479345955 | 3.614797864 | 2.734846223 |
| 2010 | 4.026901004 | 2.733965015 | 4.516621253 | 3.244112279 |

