NEO4j

1.Chart, bubble chart

Description automatically generated

2. Ratio of Females to Males is 4184:4194 (F:M)

3. The most common age is 26 years old, with the age range being 25-28.

4. The match% is 16.4617%

5. The columns I thought would be most useful in predicting a match were gender, goal, race, income, zipcode, dates, and career. I felt that most people typically date within their own social circles and these are the baseline indicators for one’s own social circle.

MONGO

1. Print out one complete document.

db.events.findOne()

{

"\_id" : ObjectId("6225959b29d471aef8bc85a1"),

"iid" : 1,

"id" : 1,

"gender" : 0,

"idg" : 1,

"condtn" : 1,

"wave" : 1,

"round" : 10,

"position" : 7,

"positin1" : "",

"order" : 3,

"partner" : 2,

"pid" : 12,

"match" : 0,

"int\_corr" : 0.54,

"samerace" : 0,

"age\_o" : 22,

"race\_o" : 2,

"pf\_o\_att" : 60,

"pf\_o\_sin" : 0,

"pf\_o\_int" : 0,

"pf\_o\_fun" : 40,

"pf\_o\_amb" : 0,

"pf\_o\_sha" : 0,

"dec\_o" : 0,

"attr\_o" : 7,

"sinc\_o" : 8,

"intel\_o" : 10,

"fun\_o" : 7,

"amb\_o" : 7,

"shar\_o" : 5,

"like\_o" : 8,

"prob\_o" : 4,

"met\_o" : 2,

"age" : 21,

"field" : "Law",

"field\_cd" : 1,

"undergra" : "",

"mn\_sat" : "",

"tuition" : "",

"race" : 4,

"imprace" : 2,

"imprelig" : 4,

"from" : "Chicago",

"zipcode" : "60,521",

"income" : "69,487.00",

"goal" : 2,

"date" : 7,

"go\_out" : 1,

"career" : "lawyer",

"career\_c" : "",

"sports" : 9,

"tvsports" : 2,

"exercise" : 8,

"dining" : 9,

"museums" : 1,

"art" : 1,

"hiking" : 5,

"gaming" : 1,

"clubbing" : 5,

"reading" : 6,

"tv" : 9,

"theater" : 1,

"movies" : 10,

"concerts" : 10,

"music" : 9,

"shopping" : 8,

"yoga" : 1,

"exphappy" : 3,

"expnum" : 2,

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"sinc1\_1" : 20,

"intel1\_1" : 20,

"fun1\_1" : 15,

"amb1\_1" : 15,

"shar1\_1" : 15,

"attr4\_1" : "",

"sinc4\_1" : "",

"intel4\_1" : "",

"fun4\_1" : "",

"amb4\_1" : "",

"shar4\_1" : "",

"attr2\_1" : 35,

"sinc2\_1" : 20,

"intel2\_1" : 15,

"fun2\_1" : 20,

"amb2\_1" : 5,

"shar2\_1" : 5,

"attr3\_1" : 6,

"sinc3\_1" : 8,

"fun3\_1" : 8,

"intel3\_1" : 8,

"amb3\_1" : 7,

"attr5\_1" : "",

"sinc5\_1" : "",

"intel5\_1" : "",

"fun5\_1" : "",

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"dec" : 1,

"attr" : 7,

"sinc" : 8,

"intel" : 7,

"fun" : 8,

"amb" : 5,

"shar" : 6,

"like" : 7,

"prob" : 5,

"met" : 1,

"match\_es" : 4,

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"sinc3\_s" : "",

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"amb3\_s" : "",

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"length" : 2,

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"fun7\_2" : "",

"amb7\_2" : "",

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"sinc1\_2" : 16.67,

"intel1\_2" : 13.89,

"fun1\_2" : 22.22,

"amb1\_2" : 11.11,

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"sinc4\_2" : "",

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"fun4\_2" : "",

"amb4\_2" : "",

"shar4\_2" : "",

"attr2\_2" : "",

"sinc2\_2" : "",

"intel2\_2" : "",

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"attr3\_2" : 6,

"sinc3\_2" : 7,

"intel3\_2" : 8,

"fun3\_2" : 7,

"amb3\_2" : 6,

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"sinc5\_2" : "",

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"fun5\_2" : "",

"amb5\_2" : "",

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"them\_cal" : 1,

"date\_3" : 0,

"numdat\_3" : "",

"num\_in\_3" : "",

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"sinc1\_3" : 20,

"intel1\_3" : 20,

"fun1\_3" : 15,

"amb1\_3" : 15,

"shar1\_3" : 15,

"attr7\_3" : "",

"sinc7\_3" : "",

"intel7\_3" : "",

"fun7\_3" : "",

"amb7\_3" : "",

"shar7\_3" : "",

"attr4\_3" : "",

"sinc4\_3" : "",

"intel4\_3" : "",

"fun4\_3" : "",

"amb4\_3" : "",

"shar4\_3" : "",

"attr2\_3" : "",

"sinc2\_3" : "",

"intel2\_3" : "",

"fun2\_3" : "",

"amb2\_3" : "",

"shar2\_3" : "",

"attr3\_3" : 5,

"sinc3\_3" : 7,

"intel3\_3" : 7,

"fun3\_3" : 7,

"amb3\_3" : 7,

"attr5\_3" : "",

"sinc5\_3" : "",

"intel5\_3" : "",

"fun5\_3" : "",

"amb5\_3" : ""

}

1. Determine the ratio of female to males
   1. 4184:4195 (F:M)
2. The most common age is 26 years old, with the age range being 25-28.
3. The match% is 16.4617%
4. The columns I thought would be most useful in predicting a match were gender, goal, race, income, zipcode, dates, and career. I felt that most people typically date within their own social circles and these are the baseline indicators for one’s own social circle.