

FML - 811308674

2023-09-10

#part a importing data

#datasource-<https://www.kaggle.com/datasets/ruchi798/data-science-job-salaries>

(<https://www.kaggle.com/datasets/ruchi798/data-science-job-salaries>)

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data<-read.csv("C:/Users/akhil/Downloads/ds_salaries.csv")  
data
```

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## 1		Data Scientist	70000 EUR
## 2	Machine Learning Scientist	260000	USD
## 3	Big Data Engineer	85000	GBP
## 4	Product Data Analyst	20000	USD
## 5	Machine Learning Engineer	150000	USD
## 6	Data Analyst	72000	USD
## 7	Lead Data Scientist	190000	USD
## 8	Data Scientist	1100000	HUF
## 9	Business Data Analyst	135000	USD
## 10	Lead Data Engineer	125000	USD
## 11	Data Scientist	45000	EUR
## 12	Data Scientist	3000000	INR
## 13	Data Scientist	35000	EUR
## 14	Lead Data Analyst	87000	USD
## 15	Data Analyst	85000	USD

## 16	Data Analyst	8000	USD
## 17	Data Engineer	4450000	JPY
## 18	Big Data Engineer	100000	EUR
## 19	Data Science Consultant	423000	INR
## 20	Lead Data Engineer	56000	USD
## 21	Machine Learning Engineer	299000	CNY
## 22	Product Data Analyst	450000	INR
## 23	Data Engineer	42000	EUR
## 24	BI Data Analyst	98000	USD
## 25	Lead Data Scientist	115000	USD
## 26	Director of Data Science	325000	USD
## 27	Research Scientist	42000	USD
## 28	Data Engineer	720000	MXN
## 29	Business Data Analyst	100000	USD
## 30	Machine Learning Manager	157000	CAD
## 31	Data Engineering Manager	51999	EUR
## 32	Big Data Engineer	70000	USD
## 33	Data Scientist	60000	EUR
## 34	Research Scientist	450000	USD
## 35	Data Analyst	41000	EUR
## 36	Data Engineer	65000	EUR
## 37	Data Science Consultant	103000	USD
## 38	Machine Learning Engineer	250000	USD
## 39	Data Analyst	10000	USD
## 40	Machine Learning Engineer	138000	USD
## 41	Data Scientist	45760	USD
## 42	Data Engineering Manager	70000	EUR
## 43	Machine Learning Infrastructure Engineer	44000	EUR
## 44	Data Engineer	106000	USD
## 45	Data Engineer	88000	GBP
## 46	ML Engineer	14000	EUR
## 47	Data Scientist	60000	GBP
## 48	Data Engineer	188000	USD
## 49	Data Scientist	105000	USD
## 50	Data Engineer	61500	EUR
## 51	Data Analyst	450000	INR
## 52	Data Analyst	91000	USD
## 53	AI Scientist	300000	DKK
## 54	Data Engineer	48000	EUR
## 55	Computer Vision Engineer	60000	USD
## 56	Principal Data Scientist	130000	EUR
## 57	Data Scientist	34000	EUR
## 58	Data Scientist	118000	USD
## 59	Data Scientist	120000	USD
## 60	Data Scientist	138350	USD
## 61	Data Engineer	110000	USD
## 62	Data Engineer	130800	USD
## 63	Data Scientist	19000	EUR
## 64	Data Scientist	412000	USD
## 65	Machine Learning Engineer	40000	EUR
## 66	Data Scientist	55000	EUR
## 67	Data Scientist	43200	EUR

## 68	Data Science Manager	190200	USD
## 69	Data Scientist	105000	USD
## 70	Data Scientist	80000	EUR
## 71	Data Scientist	55000	EUR
## 72	Data Scientist	37000	EUR
## 73	Research Scientist	60000	GBP
## 74	BI Data Analyst	150000	USD
## 75	Head of Data	235000	USD
## 76	Data Scientist	45000	EUR
## 77	BI Data Analyst	100000	USD
## 78	3D Computer Vision Researcher	400000	INR
## 79	ML Engineer	270000	USD
## 80	Data Analyst	80000	USD
## 81	Data Analytics Engineer	67000	EUR
## 82	Data Engineer	140000	USD
## 83	Applied Data Scientist	68000	CAD
## 84	Machine Learning Engineer	40000	EUR
## 85	Director of Data Science	130000	EUR
## 86	Data Engineer	110000	PLN
## 87	Data Analyst	50000	EUR
## 88	Data Analytics Engineer	110000	USD
## 89	Lead Data Analyst	170000	USD
## 90	Data Analyst	80000	USD
## 91	Marketing Data Analyst	75000	EUR
## 92	Data Science Consultant	65000	EUR
## 93	Lead Data Analyst	1450000	INR
## 94	Lead Data Engineer	276000	USD
## 95	Data Scientist	2200000	INR
## 96	Cloud Data Engineer	120000	SGD
## 97	AI Scientist	12000	USD
## 98	Financial Data Analyst	450000	USD
## 99	Computer Vision Software Engineer	70000	USD
## 100	Computer Vision Software Engineer	81000	EUR
## 101	Data Analyst	75000	USD
## 102	Data Engineer	150000	USD
## 103	BI Data Analyst	11000000	HUF
## 104	Data Analyst	62000	USD
## 105	Data Scientist	73000	USD
## 106	Data Analyst	37456	GBP
## 107	Research Scientist	235000	CAD
## 108	Data Engineer	115000	USD
## 109	Data Engineer	150000	USD
## 110	Data Engineer	2250000	INR
## 111	Machine Learning Engineer	80000	EUR
## 112	Director of Data Engineering	82500	GBP
## 113	Lead Data Engineer	75000	GBP
## 114	AI Scientist	12000	USD
## 115	Data Engineer	38400	EUR
## 116	Machine Learning Scientist	225000	USD
## 117	Data Scientist	50000	USD
## 118	Data Science Engineer	34000	EUR
## 119	Data Analyst	90000	USD

## 120	Data Engineer	200000	USD
## 121	Big Data Engineer	60000	USD
## 122	Principal Data Engineer	200000	USD
## 123	Data Analyst	50000	USD
## 124	Applied Data Scientist	80000	GBP
## 125	Data Analyst	8760	EUR
## 126	Principal Data Scientist	151000	USD
## 127	Machine Learning Scientist	120000	USD
## 128	Data Scientist	700000	INR
## 129	Machine Learning Engineer	20000	USD
## 130	Lead Data Scientist	3000000	INR
## 131	Machine Learning Developer	100000	USD
## 132	Data Scientist	42000	EUR
## 133	Applied Machine Learning Scientist	38400	USD
## 134	Computer Vision Engineer	24000	USD
## 135	Data Scientist	100000	USD
## 136	Data Analyst	90000	USD
## 137	ML Engineer	7000000	JPY
## 138	ML Engineer	8500000	JPY
## 139	Principal Data Scientist	220000	USD
## 140	Data Scientist	80000	USD
## 141	Data Analyst	135000	USD
## 142	Data Science Manager	240000	USD
## 143	Data Engineering Manager	150000	USD
## 144	Data Scientist	82500	USD
## 145	Data Engineer	100000	USD
## 146	Machine Learning Engineer	70000	EUR
## 147	Research Scientist	53000	EUR
## 148	Data Engineer	90000	USD
## 149	Data Engineering Manager	153000	USD
## 150	Cloud Data Engineer	160000	USD
## 151	Director of Data Science	168000	USD
## 152	Data Scientist	150000	USD
## 153	Data Scientist	95000	CAD
## 154	Data Scientist	13400	USD
## 155	Data Science Manager	144000	USD
## 156	Data Science Engineer	159500	CAD
## 157	Data Scientist	160000	SGD
## 158	Applied Machine Learning Scientist	423000	USD
## 159	Data Analytics Manager	120000	USD
## 160	Machine Learning Engineer	125000	USD
## 161	Head of Data	230000	USD
## 162	Head of Data Science	85000	USD
## 163	Data Engineer	24000	EUR
## 164	Data Science Consultant	54000	EUR
## 165	Director of Data Science	110000	EUR
## 166	Data Specialist	165000	USD
## 167	Data Engineer	80000	USD
## 168	Director of Data Science	250000	USD
## 169	BI Data Analyst	55000	USD
## 170	Data Architect	150000	USD
## 171	Data Architect	170000	USD

## 172	Data Engineer	60000	GBP
## 173	Data Analyst	60000	USD
## 174	Principal Data Scientist	235000	USD
## 175	Research Scientist	51400	EUR
## 176	Data Engineering Manager	174000	USD
## 177	Data Scientist	58000	MXN
## 178	Data Scientist	30400000	CLP
## 179	Machine Learning Engineer	81000	USD
## 180	Data Scientist	420000	INR
## 181	Big Data Engineer	1672000	INR
## 182	Data Scientist	76760	EUR
## 183	Data Engineer	22000	EUR
## 184	Finance Data Analyst	45000	GBP
## 185	Machine Learning Scientist	12000	USD
## 186	Data Engineer	4000	USD
## 187	Data Analytics Engineer	50000	USD
## 188	Data Science Consultant	59000	EUR
## 189	Data Engineer	65000	EUR
## 190	Machine Learning Engineer	74000	USD
## 191	Data Science Manager	152000	USD
## 192	Machine Learning Engineer	21844	USD
## 193	Big Data Engineer	18000	USD
## 194	Data Science Manager	174000	USD
## 195	Research Scientist	120500	CAD
## 196	Data Scientist	147000	USD
## 197	BI Data Analyst	9272	USD
## 198	Machine Learning Engineer	1799997	INR
## 199	Data Science Manager	4000000	INR
## 200	Data Science Consultant	90000	USD
## 201	Data Scientist	52000	EUR
## 202	Machine Learning Infrastructure Engineer	195000	USD
## 203	Data Scientist	32000	EUR
## 204	Research Scientist	50000	USD
## 205	Data Scientist	160000	USD
## 206	Data Scientist	69600	BRL
## 207	Machine Learning Engineer	200000	USD
## 208	Data Engineer	165000	USD
## 209	Data Engineer	20000	USD
## 210	Data Analytics Manager	120000	USD
## 211	Machine Learning Engineer	21000	EUR
## 212	Research Scientist	48000	EUR
## 213	Data Engineer	48000	GBP
## 214	Big Data Engineer	435000	INR
## 215	Machine Learning Engineer	21000	EUR
## 216	Principal Data Engineer	185000	USD
## 217	Computer Vision Engineer	180000	DKK
## 218	Data Scientist	76760	EUR
## 219	Machine Learning Engineer	75000	EUR
## 220	Data Analytics Manager	140000	USD
## 221	Machine Learning Engineer	180000	PLN
## 222	Data Scientist	85000	GBP
## 223	Data Scientist	2500000	INR

## 224	Data Scientist	40900	GBP
## 225	Machine Learning Scientist	225000	USD
## 226	Principal Data Scientist	416000	USD
## 227	Data Scientist	110000	CAD
## 228	Data Scientist	75000	EUR
## 229	Data Scientist	135000	USD
## 230	Data Analyst	90000	CAD
## 231	Big Data Engineer	1200000	INR
## 232	ML Engineer	256000	USD
## 233	Director of Data Engineering	200000	USD
## 234	Data Analyst	200000	USD
## 235	Data Architect	180000	USD
## 236	Head of Data Science	110000	USD
## 237	Research Scientist	80000	CAD
## 238	Data Scientist	39600	EUR
## 239	Data Scientist	4000	USD
## 240	Data Engineer	1600000	INR
## 241	Data Scientist	130000	CAD
## 242	Data Analyst	80000	USD
## 243	Data Engineer	110000	USD
## 244	Data Scientist	165000	USD
## 245	AI Scientist	1335000	INR
## 246	Data Engineer	52500	GBP
## 247	Data Scientist	31000	EUR
## 248	Data Engineer	108000	TRY
## 249	Data Engineer	70000	GBP
## 250	Principal Data Analyst	170000	USD
## 251	Data Scientist	115000	USD
## 252	Data Scientist	90000	USD
## 253	Principal Data Engineer	600000	USD
## 254	Data Scientist	2100000	INR
## 255	Data Analyst	93000	USD
## 256	Big Data Architect	125000	CAD
## 257	Data Engineer	200000	USD
## 258	Principal Data Scientist	147000	EUR
## 259	Machine Learning Engineer	185000	USD
## 260	Director of Data Science	120000	EUR
## 261	Data Scientist	130000	USD
## 262	Data Analyst	54000	EUR
## 263	Data Scientist	1250000	INR
## 264	Machine Learning Engineer	4900000	INR
## 265	Data Scientist	21600	EUR
## 266	Lead Data Engineer	160000	USD
## 267	Data Engineer	93150	USD
## 268	Data Engineer	111775	USD
## 269	Data Engineer	250000	TRY
## 270	Data Engineer	55000	EUR
## 271	Data Engineer	72500	USD
## 272	Computer Vision Engineer	102000	BRL
## 273	Data Science Consultant	65000	EUR
## 274	Machine Learning Engineer	85000	USD
## 275	Data Scientist	65720	EUR

## 276	Data Scientist	100000	USD
## 277	Data Scientist	58000	USD
## 278	AI Scientist	55000	USD
## 279	Data Scientist	180000	TRY
## 280	Business Data Analyst	50000	EUR
## 281	Data Engineer	112000	USD
## 282	Research Scientist	100000	USD
## 283	Data Engineer	59000	EUR
## 284	Staff Data Scientist	105000	USD
## 285	Research Scientist	69999	USD
## 286	Data Science Manager	7000000	INR
## 287	Head of Data	87000	EUR
## 288	Data Scientist	109000	USD
## 289	Machine Learning Engineer	43200	EUR
## 290	Data Engineer	135000	USD
## 291	Data Analyst	155000	USD
## 292	Data Analyst	120600	USD
## 293	Data Scientist	130000	USD
## 294	Data Scientist	90000	USD
## 295	Data Engineer	170000	USD
## 296	Data Engineer	150000	USD
## 297	Data Analyst	102100	USD
## 298	Data Analyst	84900	USD
## 299	Data Scientist	136620	USD
## 300	Data Scientist	99360	USD
## 301	Data Scientist	90000	GBP
## 302	Data Scientist	80000	GBP
## 303	Data Scientist	146000	USD
## 304	Data Scientist	123000	USD
## 305	Data Engineer	40000	GBP
## 306	Data Analyst	99000	USD
## 307	Data Analyst	116000	USD
## 308	Data Analyst	106260	USD
## 309	Data Analyst	126500	USD
## 310	Data Engineer	242000	USD
## 311	Data Engineer	200000	USD
## 312	Data Scientist	50000	GBP
## 313	Data Scientist	30000	GBP
## 314	Data Engineer	60000	GBP
## 315	Data Engineer	40000	GBP
## 316	Data Scientist	165220	USD
## 317	Data Engineer	35000	GBP
## 318	Data Scientist	120160	USD
## 319	Data Analyst	90320	USD
## 320	Data Engineer	181940	USD
## 321	Data Engineer	132320	USD
## 322	Data Engineer	220110	USD
## 323	Data Engineer	160080	USD
## 324	Data Scientist	180000	USD
## 325	Data Scientist	120000	USD
## 326	Data Analyst	124190	USD
## 327	Data Analyst	130000	USD

## 328	Data Analyst	110000	USD
## 329	Data Analyst	170000	USD
## 330	Data Analyst	115500	USD
## 331	Data Analyst	112900	USD
## 332	Data Analyst	90320	USD
## 333	Data Analyst	112900	USD
## 334	Data Analyst	90320	USD
## 335	Data Engineer	165400	USD
## 336	Data Engineer	132320	USD
## 337	Data Analyst	167000	USD
## 338	Data Engineer	243900	USD
## 339	Data Analyst	136600	USD
## 340	Data Analyst	109280	USD
## 341	Data Engineer	128875	USD
## 342	Data Engineer	93700	USD
## 343	Head of Data Science	224000	USD
## 344	Head of Data Science	167875	USD
## 345	Analytics Engineer	175000	USD
## 346	Data Engineer	156600	USD
## 347	Data Engineer	108800	USD
## 348	Data Scientist	95550	USD
## 349	Data Engineer	113000	USD
## 350	Data Analyst	135000	USD
## 351	Data Science Manager	161342	USD
## 352	Data Science Manager	137141	USD
## 353	Data Scientist	167000	USD
## 354	Data Scientist	123000	USD
## 355	Data Engineer	60000	GBP
## 356	Data Engineer	50000	GBP
## 357	Data Scientist	150000	USD
## 358	Data Scientist	211500	USD
## 359	Data Architect	192400	USD
## 360	Data Architect	90700	USD
## 361	Data Analyst	130000	USD
## 362	Data Analyst	61300	USD
## 363	Data Analyst	130000	USD
## 364	Data Analyst	61300	USD
## 365	Data Engineer	160000	USD
## 366	Data Scientist	138600	USD
## 367	Data Engineer	136000	USD
## 368	Data Analyst	58000	USD
## 369	Analytics Engineer	135000	USD
## 370	Data Scientist	170000	USD
## 371	Data Scientist	123000	USD
## 372	Machine Learning Engineer	189650	USD
## 373	Machine Learning Engineer	164996	USD
## 374	ETL Developer	50000	EUR
## 375	ETL Developer	50000	EUR
## 376	Lead Data Engineer	150000	CAD
## 377	Data Analyst	132000	USD
## 378	Data Engineer	165400	USD
## 379	Data Architect	208775	USD

## 380	Data Architect	147800	USD
## 381	Data Engineer	136994	USD
## 382	Data Engineer	101570	USD
## 383	Data Analyst	128875	USD
## 384	Data Analyst	93700	USD
## 385	Head of Machine Learning	6000000	INR
## 386	Data Engineer	132320	USD
## 387	Machine Learning Engineer	28500	GBP
## 388	Data Analyst	164000	USD
## 389	Data Engineer	155000	USD
## 390	Machine Learning Engineer	95000	GBP
## 391	Machine Learning Engineer	75000	GBP
## 392	AI Scientist	120000	USD
## 393	Data Analyst	112900	USD
## 394	Data Analyst	90320	USD
## 395	Data Analytics Manager	145000	USD
## 396	Data Analytics Manager	105400	USD
## 397	Machine Learning Engineer	80000	EUR
## 398	Data Engineer	90000	GBP
## 399	Data Scientist	215300	USD
## 400	Data Scientist	158200	USD
## 401	Data Engineer	209100	USD
## 402	Data Engineer	154600	USD
## 403	Data Analyst	115934	USD
## 404	Data Analyst	81666	USD
## 405	Data Engineer	175000	USD
## 406	Data Engineer	75000	GBP
## 407	Data Analyst	58000	USD
## 408	Data Engineer	183600	USD
## 409	Data Analyst	40000	GBP
## 410	Data Scientist	180000	USD
## 411	Data Scientist	55000	GBP
## 412	Data Scientist	35000	GBP
## 413	Data Engineer	60000	EUR
## 414	Data Engineer	45000	EUR
## 415	Data Engineer	60000	GBP
## 416	Data Engineer	45000	GBP
## 417	Data Scientist	260000	USD
## 418	Data Science Engineer	60000	USD
## 419	Data Engineer	63900	USD
## 420	Machine Learning Scientist	160000	USD
## 421	Machine Learning Scientist	112300	USD
## 422	Data Science Manager	241000	USD
## 423	Data Science Manager	159000	USD
## 424	Data Scientist	180000	USD
## 425	Data Scientist	80000	USD
## 426	Data Engineer	82900	USD
## 427	Data Engineer	100800	USD
## 428	Data Engineer	45000	EUR
## 429	Data Scientist	140400	USD
## 430	Data Analyst	30000	GBP
## 431	Data Analyst	40000	EUR

## 432	Data Analyst	30000	EUR
## 433	Data Engineer	80000	EUR
## 434	Data Engineer	70000	EUR
## 435	Data Engineer	80000	GBP
## 436	Data Engineer	70000	GBP
## 437	Data Engineer	60000	EUR
## 438	Data Engineer	80000	EUR
## 439	Machine Learning Engineer	189650	USD
## 440	Machine Learning Engineer	164996	USD
## 441	Data Analyst	40000	EUR
## 442	Data Analyst	30000	EUR
## 443	Data Engineer	75000	GBP
## 444	Data Engineer	60000	GBP
## 445	Data Scientist	215300	USD
## 446	Data Engineer	70000	EUR
## 447	Data Engineer	209100	USD
## 448	Data Engineer	154600	USD
## 449	Data Engineer	180000	USD
## 450	ML Engineer	20000	EUR
## 451	Data Engineer	80000	USD
## 452	Machine Learning Developer	100000	CAD
## 453	Director of Data Science	250000	CAD
## 454	Machine Learning Engineer	120000	USD
## 455	Computer Vision Engineer	125000	USD
## 456	NLP Engineer	240000	CNY
## 457	Data Engineer	105000	USD
## 458	Lead Machine Learning Engineer	80000	EUR
## 459	Business Data Analyst	1400000	INR
## 460	Data Scientist	2400000	INR
## 461	Machine Learning Infrastructure Engineer	53000	EUR
## 462	Financial Data Analyst	100000	USD
## 463	Data Engineer	50000	EUR
## 464	Data Scientist	1400000	INR
## 465	Principal Data Scientist	148000	EUR
## 466	Data Engineer	120000	USD
## 467	Research Scientist	144000	USD
## 468	Data Scientist	104890	USD
## 469	Data Engineer	100000	USD
## 470	Data Scientist	140000	USD
## 471	Data Analyst	135000	USD
## 472	Data Analyst	50000	USD
## 473	Data Scientist	220000	USD
## 474	Data Scientist	140000	USD
## 475	Data Scientist	140000	GBP
## 476	Data Scientist	70000	GBP
## 477	Data Scientist	185100	USD
## 478	Machine Learning Engineer	220000	USD
## 479	Data Scientist	200000	USD
## 480	Data Scientist	120000	USD
## 481	Machine Learning Engineer	120000	USD
## 482	Machine Learning Engineer	65000	USD
## 483	Data Engineer	324000	USD

## 484	Data Engineer	216000	USD
## 485	Data Engineer	210000	USD
## 486	Machine Learning Engineer	120000	USD
## 487	Data Scientist	230000	USD
## 488	Data Scientist	100000	USD
## 489	Data Scientist	100000	USD
## 490	Applied Machine Learning Scientist	29000	EUR
## 491	Head of Data	200000	USD
## 492	Principal Data Analyst	75000	USD
## 493	Data Scientist	150000	PLN
## 494	Machine Learning Developer	100000	CAD
## 495	Data Scientist	100000	USD
## 496	Machine Learning Scientist	153000	USD
## 497	Data Engineer	52800	EUR
## 498	Data Scientist	165000	USD
## 499	Research Scientist	85000	EUR
## 500	Data Scientist	66500	CAD
## 501	Machine Learning Engineer	57000	EUR
## 502	Head of Data	30000	EUR
## 503	Data Scientist	40000	USD
## 504	Machine Learning Engineer	121000	AUD
## 505	Data Engineer	115000	USD
## 506	Data Scientist	120000	AUD
## 507	Applied Machine Learning Scientist	75000	USD
## 508	Research Scientist	59000	EUR
## 509	Research Scientist	120000	USD
## 510	Applied Data Scientist	157000	USD
## 511	Computer Vision Software Engineer	150000	USD
## 512	Business Data Analyst	90000	CAD
## 513	Data Engineer	65000	USD
## 514	Machine Learning Engineer	65000	EUR
## 515	Data Analytics Engineer	20000	USD
## 516	Data Scientist	48000	USD
## 517	Data Science Manager	152500	USD
## 518	Data Engineer	62000	EUR
## 519	Data Scientist	115000	CHF
## 520	Applied Data Scientist	380000	USD
## 521	Data Scientist	88000	CAD
## 522	Computer Vision Engineer	10000	USD
## 523	Data Analyst	20000	USD
## 524	Data Analytics Lead	405000	USD
## 525	Data Scientist	135000	USD
## 526	Applied Data Scientist	177000	USD
## 527	Data Scientist	78000	USD
## 528	Data Analyst	135000	USD
## 529	Data Analyst	100000	USD
## 530	Data Analyst	90320	USD
## 531	Data Analyst	85000	USD
## 532	Data Analyst	75000	USD
## 533	Machine Learning Engineer	214000	USD
## 534	Machine Learning Engineer	192600	USD
## 535	Data Architect	266400	USD

## 536	Data Architect	213120	USD
## 537	Data Analyst	112900	USD
## 538	Data Engineer	155000	USD
## 539	Data Scientist	141300	USD
## 540	Data Scientist	102100	USD
## 541	Data Analyst	115934	USD
## 542	Data Analyst	81666	USD
## 543	Data Engineer	206699	USD
## 544	Data Engineer	99100	USD
## 545	Data Engineer	130000	USD
## 546	Data Engineer	115000	USD
## 547	Data Engineer	110500	USD
## 548	Data Engineer	130000	USD
## 549	Data Analyst	99050	USD
## 550	Data Engineer	160000	USD
## 551	Data Scientist	205300	USD
## 552	Data Scientist	140400	USD
## 553	Data Scientist	176000	USD
## 554	Data Scientist	144000	USD
## 555	Data Engineer	200100	USD
## 556	Data Engineer	160000	USD
## 557	Data Engineer	145000	USD
## 558	Data Engineer	70500	USD
## 559	Data Scientist	205300	USD
## 560	Data Scientist	140400	USD
## 561	Analytics Engineer	205300	USD
## 562	Analytics Engineer	184700	USD
## 563	Data Engineer	175100	USD
## 564	Data Engineer	140250	USD
## 565	Data Analyst	116150	USD
## 566	Data Engineer	54000	USD
## 567	Data Analyst	170000	USD
## 568	Data Analyst	50000	GBP
## 569	Data Analyst	80000	USD
## 570	Data Scientist	140000	USD
## 571	Data Scientist	210000	USD
## 572	Data Scientist	140000	USD
## 573	Data Analyst	100000	USD
## 574	Data Analyst	69000	USD
## 575	Data Scientist	210000	USD
## 576	Data Scientist	140000	USD
## 577	Data Scientist	210000	USD
## 578	Data Analyst	150075	USD
## 579	Data Engineer	100000	USD
## 580	Data Engineer	25000	USD
## 581	Data Analyst	126500	USD
## 582	Data Analyst	106260	USD
## 583	Data Engineer	220110	USD
## 584	Data Engineer	160080	USD
## 585	Data Analyst	105000	USD
## 586	Data Analyst	110925	USD
## 587	Data Analyst	35000	GBP

## 588		Data Scientist	140000	USD	
## 589		Data Analyst	99000	USD	
## 590		Data Analyst	60000	USD	
## 591		Data Architect	192564	USD	
## 592		Data Architect	144854	USD	
## 593		Data Scientist	230000	USD	
## 594		Data Scientist	150000	USD	
## 595		Data Analytics Manager	150260	USD	
## 596		Data Analytics Manager	109280	USD	
## 597		Data Scientist	210000	USD	
## 598		Data Analyst	170000	USD	
## 599		Data Scientist	160000	USD	
## 600		Data Scientist	130000	USD	
## 601		Data Analyst	67000	USD	
## 602		Data Analyst	52000	USD	
## 603		Data Engineer	154000	USD	
## 604		Data Engineer	126000	USD	
## 605		Data Analyst	129000	USD	
## 606		Data Analyst	150000	USD	
## 607		AI Scientist	200000	USD	
##	salary_in_usd	employee_residence	remote_ratio	company_location	company_size
## 1	79833	DE	0	DE	L
## 2	260000	JP	0	JP	S
## 3	109024	GB	50	GB	M
## 4	20000	HN	0	HN	S
## 5	150000	US	50	US	L
## 6	72000	US	100	US	L
## 7	190000	US	100	US	S
## 8	35735	HU	50	HU	L
## 9	135000	US	100	US	L
## 10	125000	NZ	50	NZ	S
## 11	51321	FR	0	FR	S
## 12	40481	IN	0	IN	L
## 13	39916	FR	0	FR	M
## 14	87000	US	100	US	L
## 15	85000	US	100	US	L
## 16	8000	PK	50	PK	L
## 17	41689	JP	100	JP	S
## 18	114047	PL	100	GB	S
## 19	5707	IN	50	IN	M
## 20	56000	PT	100	US	M
## 21	43331	CN	0	CN	M
## 22	6072	IN	100	IN	L
## 23	47899	GR	50	GR	L
## 24	98000	US	0	US	M
## 25	115000	AE	0	AE	L
## 26	325000	US	100	US	L
## 27	42000	NL	50	NL	L
## 28	33511	MX	0	MX	S
## 29	100000	US	100	US	L
## 30	117104	CA	50	CA	L
## 31	59303	DE	100	DE	S

## 32	70000	US	100	US	L
## 33	68428	GR	100	US	L
## 34	450000	US	0	US	M
## 35	46759	FR	50	FR	L
## 36	74130	AT	50	AT	L
## 37	103000	US	100	US	L
## 38	250000	US	50	US	L
## 39	10000	NG	100	NG	S
## 40	138000	US	100	US	S
## 41	45760	PH	100	US	S
## 42	79833	ES	50	ES	L
## 43	50180	PT	0	PT	M
## 44	106000	US	100	US	L
## 45	112872	GB	50	GB	L
## 46	15966	DE	100	DE	S
## 47	76958	GB	100	GB	S
## 48	188000	US	100	US	L
## 49	105000	US	100	US	L
## 50	70139	FR	50	FR	L
## 51	6072	IN	0	IN	S
## 52	91000	US	100	US	L
## 53	45896	DK	50	DK	S
## 54	54742	PK	100	DE	L
## 55	60000	RU	100	US	S
## 56	148261	DE	100	DE	M
## 57	38776	ES	100	ES	M
## 58	118000	US	100	US	M
## 59	120000	US	50	US	L
## 60	138350	US	100	US	M
## 61	110000	US	100	US	L
## 62	130800	ES	100	US	M
## 63	21669	IT	50	IT	S
## 64	412000	US	100	US	L
## 65	45618	HR	100	HR	S
## 66	62726	DE	50	DE	S
## 67	49268	DE	0	DE	S
## 68	190200	US	100	US	M
## 69	105000	US	100	US	S
## 70	91237	AT	0	AT	S
## 71	62726	FR	50	LU	S
## 72	42197	FR	50	FR	S
## 73	82528	GB	50	GB	L
## 74	150000	IN	100	US	L
## 75	235000	US	100	US	L
## 76	53192	FR	50	FR	L
## 77	100000	US	100	US	M
## 78	5409	IN	50	IN	M
## 79	270000	US	100	US	L
## 80	80000	US	100	US	M
## 81	79197	DE	100	DE	L
## 82	140000	US	100	US	L
## 83	54238	GB	50	CA	L

## 84	47282	ES	100	ES	S
## 85	153667	IT	100	PL	L
## 86	28476	PL	100	PL	L
## 87	59102	FR	50	FR	M
## 88	110000	US	100	US	L
## 89	170000	US	100	US	L
## 90	80000	BG	100	US	S
## 91	88654	GR	100	DK	L
## 92	76833	DE	100	DE	S
## 93	19609	IN	100	IN	L
## 94	276000	US	0	US	L
## 95	29751	IN	50	IN	L
## 96	89294	SG	50	SG	L
## 97	12000	BR	100	US	S
## 98	450000	US	100	US	L
## 99	70000	US	100	US	M
## 100	95746	DE	100	US	S
## 101	75000	US	0	US	L
## 102	150000	US	100	US	L
## 103	36259	HU	50	US	L
## 104	62000	US	0	US	L
## 105	73000	US	0	US	L
## 106	51519	GB	50	GB	L
## 107	187442	CA	100	CA	L
## 108	115000	US	100	US	S
## 109	150000	US	100	US	M
## 110	30428	IN	100	IN	L
## 111	94564	DE	50	DE	L
## 112	113476	GB	100	GB	M
## 113	103160	GB	100	GB	S
## 114	12000	PK	100	US	M
## 115	45391	NL	100	NL	L
## 116	225000	US	100	US	L
## 117	50000	NG	100	NG	L
## 118	40189	GR	100	GR	M
## 119	90000	US	100	US	S
## 120	200000	US	100	US	L
## 121	60000	ES	50	RO	M
## 122	200000	US	100	US	M
## 123	50000	US	100	US	M
## 124	110037	GB	0	GB	L
## 125	10354	ES	50	ES	M
## 126	151000	US	100	US	L
## 127	120000	US	50	US	S
## 128	9466	IN	0	IN	S
## 129	20000	IN	100	IN	S
## 130	40570	IN	50	IN	L
## 131	100000	IQ	50	IQ	S
## 132	49646	FR	50	FR	M
## 133	38400	VN	100	US	M
## 134	24000	BR	100	BR	M
## 135	100000	US	0	US	S

## 136	90000	US	100	US	M
## 137	63711	JP	50	JP	S
## 138	77364	JP	50	JP	S
## 139	220000	US	0	US	L
## 140	80000	US	100	US	M
## 141	135000	US	100	US	L
## 142	240000	US	0	US	L
## 143	150000	US	0	US	L
## 144	82500	US	100	US	S
## 145	100000	US	100	US	L
## 146	82744	BE	50	BE	M
## 147	62649	FR	50	FR	M
## 148	90000	US	100	US	L
## 149	153000	US	100	US	L
## 150	160000	BR	100	US	S
## 151	168000	JP	0	JP	S
## 152	150000	US	100	US	M
## 153	75774	CA	100	CA	L
## 154	13400	UA	100	UA	L
## 155	144000	US	100	US	L
## 156	127221	CA	50	CA	L
## 157	119059	SG	100	IL	M
## 158	423000	US	50	US	L
## 159	120000	US	100	US	M
## 160	125000	US	100	US	S
## 161	230000	RU	50	RU	L
## 162	85000	RU	0	RU	M
## 163	28369	MT	50	MT	L
## 164	63831	DE	50	DE	L
## 165	130026	DE	50	DE	M
## 166	165000	US	100	US	L
## 167	80000	US	100	US	L
## 168	250000	US	0	US	L
## 169	55000	US	50	US	S
## 170	150000	US	100	US	L
## 171	170000	US	100	US	L
## 172	82528	GB	100	GB	L
## 173	60000	US	100	US	S
## 174	235000	US	100	US	L
## 175	60757	PT	50	PT	L
## 176	174000	US	100	US	L
## 177	2859	MX	0	MX	S
## 178	40038	CL	100	CL	L
## 179	81000	US	50	US	S
## 180	5679	IN	100	US	S
## 181	22611	IN	0	IN	L
## 182	90734	DE	50	DE	L
## 183	26005	RO	0	US	L
## 184	61896	GB	50	GB	L
## 185	12000	PK	50	PK	M
## 186	4000	IR	100	IR	M
## 187	50000	VN	100	GB	M

## 188	69741	FR	100	ES	S
## 189	76833	RO	50	GB	S
## 190	74000	JP	50	JP	S
## 191	152000	US	100	FR	L
## 192	21844	CO	50	CO	M
## 193	18000	MD	0	MD	S
## 194	174000	US	100	US	L
## 195	96113	CA	50	CA	L
## 196	147000	US	50	US	L
## 197	9272	KE	100	KE	S
## 198	24342	IN	100	IN	L
## 199	54094	IN	50	US	L
## 200	90000	US	100	US	S
## 201	61467	DE	50	AT	M
## 202	195000	US	100	US	M
## 203	37825	ES	100	ES	L
## 204	50000	FR	100	US	S
## 205	160000	US	100	US	L
## 206	12901	BR	0	BR	S
## 207	200000	US	100	US	L
## 208	165000	US	0	US	M
## 209	20000	IT	0	US	L
## 210	120000	US	0	US	L
## 211	24823	SI	50	SI	L
## 212	56738	FR	50	FR	S
## 213	66022	HK	50	GB	S
## 214	5882	IN	0	CH	L
## 215	24823	DE	50	DE	M
## 216	185000	US	100	US	L
## 217	28609	DK	50	DK	S
## 218	90734	DE	50	DE	L
## 219	88654	BE	100	BE	M
## 220	140000	US	100	US	L
## 221	46597	PL	100	PL	L
## 222	116914	GB	50	GB	L
## 223	33808	IN	0	IN	M
## 224	56256	GB	50	GB	L
## 225	225000	US	100	CA	L
## 226	416000	US	100	US	S
## 227	87738	CA	100	CA	S
## 228	88654	DE	50	DE	L
## 229	135000	US	0	US	L
## 230	71786	CA	100	CA	M
## 231	16228	IN	100	IN	L
## 232	256000	US	100	US	S
## 233	200000	US	100	US	L
## 234	200000	US	100	US	L
## 235	180000	US	100	US	L
## 236	110000	US	0	US	S
## 237	63810	CA	100	CA	M
## 238	46809	ES	100	ES	M
## 239	4000	VN	0	VN	M

## 240	21637	IN	50	IN	M
## 241	103691	CA	100	CA	L
## 242	80000	US	100	US	L
## 243	110000	US	100	US	L
## 244	165000	US	100	US	L
## 245	18053	IN	100	AS	S
## 246	72212	GB	50	GB	L
## 247	36643	FR	50	FR	L
## 248	12103	TR	0	TR	M
## 249	96282	GB	50	GB	L
## 250	170000	US	100	US	M
## 251	115000	US	50	US	L
## 252	90000	US	100	US	S
## 253	600000	US	100	US	L
## 254	28399	IN	100	IN	M
## 255	93000	US	100	US	L
## 256	99703	CA	50	CA	M
## 257	200000	US	100	US	L
## 258	173762	DE	100	DE	M
## 259	185000	US	50	US	L
## 260	141846	DE	0	DE	L
## 261	130000	US	50	US	L
## 262	63831	DE	50	DE	L
## 263	16904	IN	100	IN	S
## 264	66265	IN	0	IN	L
## 265	25532	RS	100	DE	S
## 266	160000	PR	50	US	S
## 267	93150	US	0	US	M
## 268	111775	US	0	US	M
## 269	28016	TR	100	TR	M
## 270	65013	DE	50	DE	M
## 271	72500	US	100	US	L
## 272	18907	BR	0	BR	M
## 273	76833	DE	0	DE	L
## 274	85000	NL	100	DE	S
## 275	77684	FR	50	FR	M
## 276	100000	US	100	US	M
## 277	58000	US	50	US	L
## 278	55000	ES	100	ES	L
## 279	20171	TR	50	TR	L
## 280	59102	LU	100	LU	L
## 281	112000	US	100	US	L
## 282	100000	JE	0	CN	L
## 283	69741	NL	100	NL	L
## 284	105000	US	100	US	M
## 285	69999	CZ	50	CZ	L
## 286	94665	IN	50	IN	L
## 287	102839	SI	100	SI	L
## 288	109000	US	50	US	L
## 289	51064	IT	50	IT	L
## 290	135000	US	100	US	M
## 291	155000	US	100	US	M

## 292	120600	US	100	US	M
## 293	130000	US	0	US	M
## 294	90000	US	0	US	M
## 295	170000	US	100	US	M
## 296	150000	US	100	US	M
## 297	102100	US	100	US	M
## 298	84900	US	100	US	M
## 299	136620	US	100	US	M
## 300	99360	US	100	US	M
## 301	117789	GB	0	GB	M
## 302	104702	GB	0	GB	M
## 303	146000	US	100	US	M
## 304	123000	US	100	US	M
## 305	52351	GB	100	GB	M
## 306	99000	US	0	US	M
## 307	116000	US	0	US	M
## 308	106260	US	0	US	M
## 309	126500	US	0	US	M
## 310	242000	US	100	US	M
## 311	200000	US	100	US	M
## 312	65438	GB	0	GB	M
## 313	39263	GB	0	GB	M
## 314	78526	GB	0	GB	M
## 315	52351	GB	0	GB	M
## 316	165220	US	100	US	M
## 317	45807	GB	100	GB	M
## 318	120160	US	100	US	M
## 319	90320	US	100	US	M
## 320	181940	US	0	US	M
## 321	132320	US	0	US	M
## 322	220110	US	0	US	M
## 323	160080	US	0	US	M
## 324	180000	US	0	US	L
## 325	120000	US	0	US	L
## 326	124190	US	100	US	M
## 327	130000	US	100	US	M
## 328	110000	US	100	US	M
## 329	170000	US	100	US	M
## 330	115500	US	100	US	M
## 331	112900	US	100	US	M
## 332	90320	US	100	US	M
## 333	112900	US	100	US	M
## 334	90320	US	100	US	M
## 335	165400	US	100	US	M
## 336	132320	US	100	US	M
## 337	167000	US	100	US	M
## 338	243900	US	100	US	M
## 339	136600	US	100	US	M
## 340	109280	US	100	US	M
## 341	128875	US	100	US	M
## 342	93700	US	100	US	M
## 343	224000	US	100	US	M

## 344	167875	US	100	US	M
## 345	175000	US	100	US	M
## 346	156600	US	100	US	M
## 347	108800	US	0	US	M
## 348	95550	US	0	US	M
## 349	113000	US	0	US	L
## 350	135000	US	100	US	M
## 351	161342	US	100	US	M
## 352	137141	US	100	US	M
## 353	167000	US	100	US	M
## 354	123000	US	100	US	M
## 355	78526	GB	0	GB	M
## 356	65438	GB	0	GB	M
## 357	150000	US	0	US	M
## 358	211500	US	100	US	M
## 359	192400	CA	100	CA	M
## 360	90700	CA	100	CA	M
## 361	130000	CA	100	CA	M
## 362	61300	CA	100	CA	M
## 363	130000	CA	100	CA	M
## 364	61300	CA	100	CA	M
## 365	160000	US	0	US	L
## 366	138600	US	100	US	M
## 367	136000	US	0	US	M
## 368	58000	US	0	US	S
## 369	135000	US	100	US	M
## 370	170000	US	100	US	M
## 371	123000	US	100	US	M
## 372	189650	US	0	US	M
## 373	164996	US	0	US	M
## 374	54957	GR	0	GR	M
## 375	54957	GR	0	GR	M
## 376	118187	CA	100	CA	S
## 377	132000	US	0	US	M
## 378	165400	US	100	US	M
## 379	208775	US	100	US	M
## 380	147800	US	100	US	M
## 381	136994	US	100	US	M
## 382	101570	US	100	US	M
## 383	128875	US	100	US	M
## 384	93700	US	100	US	M
## 385	79039	IN	50	IN	L
## 386	132320	US	100	US	M
## 387	37300	GB	100	GB	L
## 388	164000	US	0	US	M
## 389	155000	US	100	US	M
## 390	124333	GB	0	GB	M
## 391	98158	GB	0	GB	M
## 392	120000	US	0	US	M
## 393	112900	US	100	US	M
## 394	90320	US	100	US	M
## 395	145000	US	100	US	M

## 396	105400	US	100	US	M
## 397	87932	FR	100	DE	M
## 398	117789	GB	0	GB	M
## 399	215300	US	100	US	L
## 400	158200	US	100	US	L
## 401	209100	US	100	US	L
## 402	154600	US	100	US	L
## 403	115934	US	0	US	M
## 404	81666	US	0	US	M
## 405	175000	US	100	US	M
## 406	98158	GB	0	GB	M
## 407	58000	US	0	US	S
## 408	183600	US	100	US	L
## 409	52351	GB	100	GB	M
## 410	180000	US	100	US	M
## 411	71982	GB	0	GB	M
## 412	45807	GB	0	GB	M
## 413	65949	GR	100	GR	M
## 414	49461	GR	100	GR	M
## 415	78526	GB	100	GB	M
## 416	58894	GB	100	GB	M
## 417	260000	US	100	US	M
## 418	60000	AR	100	MX	L
## 419	63900	US	0	US	M
## 420	160000	US	100	US	L
## 421	112300	US	100	US	L
## 422	241000	US	100	US	M
## 423	159000	US	100	US	M
## 424	180000	US	0	US	M
## 425	80000	US	0	US	M
## 426	82900	US	0	US	M
## 427	100800	US	100	US	L
## 428	49461	ES	100	ES	M
## 429	140400	US	0	US	L
## 430	39263	GB	100	GB	M
## 431	43966	ES	100	ES	M
## 432	32974	ES	100	ES	M
## 433	87932	ES	100	ES	M
## 434	76940	ES	100	ES	M
## 435	104702	GB	100	GB	M
## 436	91614	GB	100	GB	M
## 437	65949	ES	100	ES	M
## 438	87932	GR	100	GR	M
## 439	189650	US	0	US	M
## 440	164996	US	0	US	M
## 441	43966	GR	100	GR	M
## 442	32974	GR	100	GR	M
## 443	98158	GB	100	GB	M
## 444	78526	GB	100	GB	M
## 445	215300	US	0	US	L
## 446	76940	GR	100	GR	M
## 447	209100	US	100	US	L

## 448	154600	US	100	US	L
## 449	180000	US	100	US	M
## 450	21983	PT	100	PT	L
## 451	80000	US	100	US	M
## 452	78791	CA	100	CA	M
## 453	196979	CA	50	CA	L
## 454	120000	US	100	US	S
## 455	125000	US	0	US	M
## 456	37236	US	50	US	L
## 457	105000	US	100	US	M
## 458	87932	DE	0	DE	M
## 459	18442	IN	100	IN	M
## 460	31615	IN	100	IN	L
## 461	58255	PT	50	PT	L
## 462	100000	US	50	US	L
## 463	54957	DE	50	DE	L
## 464	18442	IN	100	IN	M
## 465	162674	DE	100	DE	M
## 466	120000	US	100	US	M
## 467	144000	US	50	US	L
## 468	104890	US	100	US	M
## 469	100000	US	100	US	M
## 470	140000	US	100	US	M
## 471	135000	US	100	US	M
## 472	50000	US	100	US	M
## 473	220000	US	100	US	M
## 474	140000	US	100	US	M
## 475	183228	GB	0	GB	M
## 476	91614	GB	0	GB	M
## 477	185100	US	100	US	M
## 478	220000	US	100	US	M
## 479	200000	US	100	US	M
## 480	120000	US	100	US	M
## 481	120000	AE	100	AE	S
## 482	65000	AE	100	AE	S
## 483	324000	US	100	US	M
## 484	216000	US	100	US	M
## 485	210000	US	100	US	M
## 486	120000	US	100	US	M
## 487	230000	US	100	US	M
## 488	100000	DZ	50	DZ	M
## 489	100000	CA	100	US	M
## 490	31875	TN	100	CZ	M
## 491	200000	MY	100	US	M
## 492	75000	CA	100	CA	S
## 493	35590	PL	100	PL	L
## 494	78791	CA	100	CA	M
## 495	100000	BR	100	US	M
## 496	153000	US	50	US	M
## 497	58035	PK	100	DE	M
## 498	165000	US	100	US	M
## 499	93427	FR	50	FR	L

## 500	52396	CA	100	CA	L
## 501	62651	NL	100	NL	L
## 502	32974	EE	100	EE	S
## 503	40000	JP	100	MY	L
## 504	87425	AU	100	AU	L
## 505	115000	US	100	US	M
## 506	86703	AU	50	AU	M
## 507	75000	BO	100	US	L
## 508	64849	AT	0	AT	L
## 509	120000	US	100	US	L
## 510	157000	US	100	US	L
## 511	150000	AU	100	AU	S
## 512	70912	CA	50	CA	L
## 513	65000	US	100	US	S
## 514	71444	IE	100	IE	S
## 515	20000	PK	0	PK	M
## 516	48000	RU	100	US	S
## 517	152500	US	100	US	M
## 518	68147	FR	100	FR	M
## 519	122346	CH	0	CH	L
## 520	380000	US	100	US	L
## 521	69336	CA	100	CA	M
## 522	10000	PT	100	LU	M
## 523	20000	GR	100	GR	S
## 524	405000	US	100	US	L
## 525	135000	US	100	US	L
## 526	177000	US	100	US	L
## 527	78000	US	100	US	M
## 528	135000	US	100	US	M
## 529	100000	US	100	US	M
## 530	90320	US	100	US	M
## 531	85000	CA	0	CA	M
## 532	75000	CA	0	CA	M
## 533	214000	US	100	US	M
## 534	192600	US	100	US	M
## 535	266400	US	100	US	M
## 536	213120	US	100	US	M
## 537	112900	US	100	US	M
## 538	155000	US	100	US	M
## 539	141300	US	0	US	M
## 540	102100	US	0	US	M
## 541	115934	US	100	US	M
## 542	81666	US	100	US	M
## 543	206699	US	0	US	M
## 544	99100	US	0	US	M
## 545	130000	US	100	US	M
## 546	115000	US	100	US	M
## 547	110500	US	100	US	M
## 548	130000	US	100	US	M
## 549	99050	US	100	US	M
## 550	160000	US	100	US	M
## 551	205300	US	0	US	L

## 552	140400	US	0	US	L
## 553	176000	US	100	US	M
## 554	144000	US	100	US	M
## 555	200100	US	100	US	M
## 556	160000	US	100	US	M
## 557	145000	US	100	US	M
## 558	70500	US	0	US	M
## 559	205300	US	0	US	M
## 560	140400	US	0	US	M
## 561	205300	US	0	US	M
## 562	184700	US	0	US	M
## 563	175100	US	100	US	M
## 564	140250	US	100	US	M
## 565	116150	US	100	US	M
## 566	54000	US	0	US	M
## 567	170000	US	100	US	M
## 568	65438	GB	0	GB	M
## 569	80000	US	100	US	M
## 570	140000	US	100	US	M
## 571	210000	US	100	US	M
## 572	140000	US	100	US	M
## 573	100000	US	100	US	M
## 574	69000	US	100	US	M
## 575	210000	US	100	US	M
## 576	140000	US	100	US	M
## 577	210000	US	100	US	M
## 578	150075	US	100	US	M
## 579	100000	US	100	US	M
## 580	25000	US	100	US	M
## 581	126500	US	100	US	M
## 582	106260	US	100	US	M
## 583	220110	US	100	US	M
## 584	160080	US	100	US	M
## 585	105000	US	100	US	M
## 586	110925	US	100	US	M
## 587	45807	GB	0	GB	M
## 588	140000	US	100	US	M
## 589	99000	US	0	US	M
## 590	60000	US	100	US	M
## 591	192564	US	100	US	M
## 592	144854	US	100	US	M
## 593	230000	US	100	US	M
## 594	150000	US	100	US	M
## 595	150260	US	100	US	M
## 596	109280	US	100	US	M
## 597	210000	US	100	US	M
## 598	170000	US	100	US	M
## 599	160000	US	100	US	M
## 600	130000	US	100	US	M
## 601	67000	CA	0	CA	M
## 602	52000	CA	0	CA	M
## 603	154000	US	100	US	M

## 604	126000	US	100	US	M
## 605	129000	US	0	US	M
## 606	150000	US	100	US	M
## 607	200000	IN	100	US	L

#part b descriptive statistics for numeric variables

```
summary(data)
```

```
##           X           work_year  experience_level  employment_type
##  Min.      : 0.0    Min.      :2020   Length:607      Length:607
##  1st Qu.:151.5    1st Qu.:2021   Class :character  Class :character
##  Median :303.0    Median :2022   Mode  :character  Mode  :character
##  Mean   :303.0    Mean   :2021
##  3rd Qu.:454.5    3rd Qu.:2022
##  Max.   :606.0    Max.   :2022
##  job_title      salary      salary_currency  salary_in_usd
##  Length:607      Min.      : 4000   Length:607      Min.      : 2859
##  Class :character  1st Qu.: 70000   Class :character  1st Qu.: 62726
##  Mode  :character  Median : 115000   Mode  :character  Median :101570
##                      Mean   : 324000                      Mean   :112298
##                      3rd Qu.: 165000                      3rd Qu.:150000
##                      Max.   :30400000                      Max.   :600000
##  employee_residence remote_ratio  company_location  company_size
##  Length:607      Min.      : 0.00   Length:607      Length:607
##  Class :character  1st Qu.: 50.00   Class :character  Class :character
##  Mode  :character  Median :100.00   Mode  :character  Mode  :character
##                      Mean   : 70.92
##                      3rd Qu.:100.00
##                      Max.   :100.00
```

```
mean(data$salary)
```

```
## [1] 324000.1
```

```
median(data$salary)
```

```
## [1] 115000
```

```
min(data$salary)
```

```
## [1] 4000
```

```
max(data$salary)
```

```
## [1] 30400000
```

```
sd(data$salary)
```

```
## [1] 1544357
```

```
var(data$salary)
```

```
## [1] 2.38504e+12
```

```
str(data$salary)
```

```
## int [1:607] 70000 260000 85000 20000 150000 72000 190000 11000000 135000 125000 ...
```

#part c descriptive stats for categorical variables

```
table(data$experience_level)
```

```
##  
## EN EX MI SE  
## 88 26 213 280
```

```
table(data$employment_type)
```

```
##  
## CT FL FT PT  
## 5 4 588 10
```

```
data$experience_level
```

```
## [1] "MI" "SE" "SE" "MI" "SE" "EN" "SE" "MI" "MI" "SE" "EN" "MI" "EN" "MI" "MI"
## [16] "MI" "EN" "SE" "EN" "MI" "MI" "MI" "SE" "MI" "MI" "EX" "EN" "SE" "EN" "SE"
## [31] "MI" "EN" "SE" "MI" "MI" "MI" "MI" "EN" "EN" "EN" "MI" "EX" "MI" "MI" "MI"
## [46] "EN" "MI" "SE" "MI" "MI" "EN" "EN" "EN" "EN" "SE" "SE" "MI" "MI" "SE" "MI"
## [61] "MI" "MI" "EN" "SE" "SE" "EN" "EN" "SE" "EN" "SE" "MI" "MI" "EN" "EX" "EX"
## [76] "SE" "MI" "MI" "MI" "EN" "SE" "MI" "MI" "MI" "EX" "MI" "EN" "MI" "SE" "SE"
## [91] "SE" "EN" "MI" "SE" "EN" "MI" "EN" "MI" "EN" "MI" "MI" "SE" "MI" "MI" "MI"
## [106] "MI" "MI" "SE" "SE" "EN" "SE" "SE" "SE" "EN" "MI" "EN" "MI" "MI" "EN" "MI"
## [121] "MI" "SE" "EN" "EN" "EN" "MI" "SE" "MI" "EN" "SE" "EN" "EN" "MI" "SE" "EN"
## [136] "MI" "MI" "MI" "SE" "EN" "MI" "SE" "SE" "MI" "MI" "SE" "MI" "MI" "SE" "SE"
## [151] "SE" "MI" "MI" "EN" "SE" "SE" "MI" "MI" "SE" "EN" "EX" "EX" "MI" "EN" "EX"
## [166] "SE" "EN" "EX" "EN" "MI" "MI" "MI" "EN" "SE" "SE" "SE" "MI" "MI" "EN" "MI"
## [181] "MI" "MI" "MI" "SE" "MI" "MI" "SE" "EX" "SE" "MI" "SE" "EN" "MI" "SE" "SE"
## [196] "MI" "EN" "SE" "SE" "EN" "MI" "SE" "MI" "SE" "MI" "MI" "SE" "SE" "MI" "SE"
## [211] "MI" "MI" "MI" "EN" "EN" "SE" "EN" "MI" "MI" "SE" "MI" "MI" "MI" "MI" "SE"
## [226] "EX" "SE" "MI" "SE" "SE" "EN" "SE" "SE" "SE" "MI" "MI" "MI" "MI" "EN" "EN"
## [241] "SE" "MI" "MI" "SE" "EN" "MI" "EN" "MI" "SE" "SE" "MI" "EN" "EX" "EN" "MI"
## [256] "SE" "MI" "SE" "SE" "EX" "MI" "SE" "MI" "SE" "MI" "SE" "MI" "MI" "MI" "EN"
## [271] "EN" "SE" "EN" "EN" "SE" "EN" "EN" "SE" "SE" "EN" "MI" "EN" "MI" "SE" "MI"
## [286] "SE" "SE" "MI" "MI" "SE" "SE" "SE" "MI" "MI" "MI" "MI" "SE" "SE" "SE" "SE"
## [301] "SE" "SE" "SE" "SE" "EN" "SE" "SE" "MI" "MI" "EX" "EX" "MI" "MI" "MI" "MI"
## [316] "SE" "EN" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "EX" "EX" "SE" "MI"
## [331] "SE" "SE" "SE" "SE" "SE" "SE" "MI" "SE" "SE" "SE" "SE" "SE" "EX" "EX" "EX"
## [346] "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE"
## [361] "SE" "SE" "SE" "SE" "SE" "SE" "SE" "MI" "EX" "SE" "SE" "SE" "SE" "MI" "MI"
## [376] "EX" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "EX" "SE" "EN" "SE" "SE" "MI"
## [391] "MI" "MI" "SE" "SE" "SE" "SE" "MI" "MI" "SE" "SE" "SE" "SE" "SE" "SE" "SE"
## [406] "MI" "MI" "SE" "MI" "SE" "MI" "MI" "MI" "MI" "MI" "MI" "SE" "SE" "MI" "MI"
## [421] "MI" "MI" "MI" "SE" "SE" "MI" "SE" "MI" "SE" "MI" "MI" "MI" "MI" "MI" "MI"
## [436] "MI" "MI" "MI" "SE" "SE" "MI" "MI" "MI" "MI" "SE" "MI" "SE" "SE" "SE" "EN"
## [451] "SE" "MI" "EX" "MI" "EN" "MI" "SE" "SE" "MI" "MI" "MI" "EN" "MI" "EN" "SE"
## [466] "EN" "SE" "SE" "SE" "SE" "MI" "MI" "SE" "SE" "MI" "MI" "SE" "SE" "MI" "MI"
## [481] "SE" "SE" "EX" "EX" "SE" "SE" "SE" "EN" "MI" "EN" "SE" "MI" "MI" "SE" "SE"
## [496] "MI" "EN" "SE" "SE" "EN" "SE" "MI" "EN" "MI" "SE" "EN" "MI" "MI" "EN" "MI"
## [511] "EN" "MI" "EN" "SE" "EN" "MI" "SE" "MI" "MI" "SE" "MI" "EN" "MI" "SE" "MI"
## [526] "SE" "MI" "SE" "SE" "SE" "MI" "MI" "SE" "SE" "SE" "SE" "SE" "SE" "MI" "MI"
## [541] "SE" "SE" "MI" "MI" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE"
## [556] "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "MI" "SE" "SE"
## [571] "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE"
## [586] "SE" "MI" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "SE" "MI" "MI"
## [601] "EN" "EN" "SE" "SE" "SE" "SE" "MI"
```

```
str(data$employment_type)
```

```
## chr [1:607] "FT" "FT" "FT" "FT" "FT" "FT" "FT" "FT" "FT" "FT" "FT" "FT" ...
```

```
#part d transforming variable
```

```
log(data$salary)
```

```
## [1] 11.156251 12.468437 11.350407 9.903488 11.918391 11.184421 12.154779
## [8] 16.213406 11.813030 11.736069 10.714418 14.914123 10.463103 11.373663
## [15] 11.350407 8.987197 15.308415 11.512925 12.955127 10.933107 12.608199
## [22] 13.017003 10.645425 11.492723 11.652687 12.691580 10.645425 13.487006
## [29] 11.512925 11.964001 10.858980 11.156251 11.002100 13.017003 10.621327
## [36] 11.082143 11.542484 12.429216 9.210340 11.835009 10.731166 11.156251
## [43] 10.691945 11.571194 11.385092 9.546813 11.002100 12.144197 11.561716
## [50] 11.026792 13.017003 11.418615 12.611538 10.778956 11.002100 11.775290
## [57] 10.434116 11.678440 11.695247 11.837542 11.608236 11.781425 9.852194
## [64] 12.928779 10.596635 10.915088 10.673596 12.155831 11.561716 11.289782
## [71] 10.915088 10.518673 11.002100 11.918391 12.367341 10.714418 11.512925
## [78] 12.899220 12.506177 11.289782 11.112448 11.849398 11.127263 10.596635
## [85] 11.775290 11.608236 10.819778 11.608236 12.043554 11.289782 11.225243
## [92] 11.082143 14.187074 12.528156 14.603968 11.695247 9.392662 13.017003
## [99] 11.156251 11.302204 11.225243 11.918391 16.213406 11.034890 11.198215
## [106] 10.530922 12.367341 11.652687 11.918391 14.626441 11.289782 11.320554
## [113] 11.225243 9.392662 10.555813 12.323856 10.819778 10.434116 11.407565
## [120] 12.206073 11.002100 12.206073 10.819778 11.289782 9.077951 11.925035
## [127] 11.695247 13.458836 9.903488 14.914123 11.512925 10.645425 10.555813
## [134] 10.085809 11.512925 11.407565 15.761421 15.955577 12.301383 11.289782
## [141] 11.813030 12.388394 11.918391 11.320554 11.512925 11.156251 10.878047
## [148] 11.407565 11.938193 11.982929 12.031719 11.918391 11.461632 9.503010
## [155] 11.877569 11.979799 11.982929 12.955127 11.695247 11.736069 12.345835
## [162] 11.350407 10.085809 10.896739 11.608236 12.013701 11.289782 12.429216
## [169] 10.915088 11.918391 12.043554 11.002100 11.002100 12.367341 10.847393
## [176] 12.066811 10.968198 17.229953 11.302204 12.948010 14.329531 11.248439
## [183] 9.998798 10.714418 9.392662 8.294050 10.819778 10.985293 11.082143
## [190] 11.211820 11.931636 9.991682 9.798127 12.066811 11.699405 11.898188
## [197] 9.134754 14.403296 15.201805 11.407565 10.858999 12.180755 10.373491
## [204] 10.819778 11.982929 11.150520 12.206073 12.013701 9.903488 11.695247
## [211] 9.952278 10.778956 10.778956 12.983101 9.952278 12.128111 12.100712
## [218] 11.248439 11.225243 11.849398 12.100712 11.350407 14.731801 10.618885
## [225] 12.323856 12.938441 11.608236 11.225243 11.813030 11.407565 13.997832
## [232] 12.452933 12.206073 12.206073 12.100712 11.608236 11.289782 10.586584
## [239] 8.294050 14.285514 11.775290 11.289782 11.608236 12.013701 14.104442
## [246] 10.868568 10.341742 11.589887 11.156251 12.043554 11.652687 11.407565
## [253] 13.304685 14.557448 11.440355 11.736069 12.206073 11.898188 12.128111
## [260] 11.695247 11.775290 10.896739 14.038654 15.404746 9.980449 11.982929
## [267] 11.441966 11.624243 12.429216 10.915088 11.191342 11.532728 11.082143
## [274] 11.350407 11.093159 11.512925 10.968198 10.915088 12.100712 10.819778
## [281] 11.626254 11.512925 10.985293 11.561716 11.156236 15.761421 11.373663
## [288] 11.599103 10.673596 11.813030 11.951180 11.700235 11.775290 11.407565
## [295] 12.043554 11.918391 11.533708 11.349229 11.824959 11.506505 11.407565
## [302] 11.289782 11.891362 11.719940 10.596635 11.502875 11.661345 11.573644
## [309] 11.747998 12.396693 12.206073 10.819778 10.308953 11.002100 10.596635
## [316] 12.015033 10.463103 11.696579 11.411114 12.111432 11.792979 12.301883
## [323] 11.983429 12.100712 11.695247 11.729568 11.775290 11.608236 12.043554
## [330] 11.657026 11.634258 11.411114 11.634258 11.411114 12.016122 11.792979
## [337] 12.025749 12.404514 11.824812 11.601669 11.766598 11.447853 12.319401
## [344] 12.030975 12.072541 11.961450 11.597267 11.467405 11.635143 11.813030
## [351] 11.991282 11.828765 12.025749 11.719940 11.002100 10.819778 11.918391
## [358] 12.261980 12.167332 11.415313 11.775290 11.023535 11.775290 11.023535
```



```

## [365] 11.982929 11.839347 11.820410 10.968198 11.813030 12.043554 11.719940
## [372] 12.152936 12.013677 10.819778 10.819778 11.918391 11.790557 12.016122
## [379] 12.249012 11.903615 11.827692 11.528503 11.766598 11.447853 15.607270
## [386] 11.792979 10.257659 12.007622 11.951180 11.461632 11.225243 11.695247
## [393] 11.634258 11.411114 11.884489 11.565518 11.289782 11.407565 12.279788
## [400] 11.971615 12.250568 11.948596 11.660776 11.310393 12.072541 11.225243
## [407] 10.968198 12.120515 10.596635 12.100712 10.915088 10.463103 11.002100
## [414] 10.714418 11.002100 10.714418 12.468437 11.002100 11.065075 11.982929
## [421] 11.628929 12.392552 11.976659 12.100712 11.289782 11.325390 11.520894
## [428] 10.714418 11.852251 10.308953 10.596635 10.308953 11.289782 11.156251
## [435] 11.289782 11.156251 11.002100 11.289782 12.152936 12.013677 10.596635
## [442] 10.308953 11.225243 11.002100 12.279788 11.156251 12.250568 11.948596
## [449] 12.100712 9.903488 11.289782 11.512925 12.429216 11.695247 11.736069
## [456] 12.388394 11.561716 11.289782 14.151983 14.690979 10.878047 11.512925
## [463] 10.819778 14.151983 11.904968 11.695247 11.877569 11.560667 11.512925
## [470] 11.849398 11.813030 10.819778 12.301383 11.849398 11.849398 11.156251
## [477] 12.128651 12.301383 12.206073 11.695247 11.695247 11.082143 12.688499
## [484] 12.283034 12.254863 11.695247 12.345835 11.512925 11.512925 10.275051
## [491] 12.206073 11.225243 11.918391 11.512925 11.512925 11.938193 10.874266
## [498] 12.013701 11.350407 11.104957 10.950807 10.308953 10.596635 11.703546
## [505] 11.652687 11.695247 11.225243 10.985293 11.695247 11.964001 11.918391
## [512] 11.407565 11.082143 11.082143 9.903488 10.778956 11.934920 11.034890
## [519] 11.652687 12.847927 11.385092 9.210340 9.903488 12.911642 11.813030
## [526] 12.083905 11.264464 11.813030 11.512925 11.411114 11.350407 11.225243
## [533] 12.273731 12.168371 12.492754 12.269611 11.634258 11.951180 11.858641
## [540] 11.533708 11.660776 11.310393 12.239019 11.503885 11.775290 11.652687
## [547] 11.612771 11.775290 11.503380 11.982929 12.232228 11.852251 12.078239
## [554] 11.877569 12.206573 11.982929 11.884489 11.163368 12.232228 11.852251
## [561] 12.232228 12.126488 12.073113 11.851182 11.662638 10.896739 12.043554
## [568] 10.819778 11.289782 11.849398 12.254863 11.849398 11.512925 11.141862
## [575] 12.254863 11.849398 12.254863 11.918890 11.512925 10.126631 11.747998
## [582] 11.573644 12.301883 11.983429 11.561716 11.616610 10.463103 11.849398
## [589] 11.502875 11.002100 12.168184 11.883482 12.345835 11.918391 11.920122
## [596] 11.601669 12.254863 12.043554 11.982929 11.775290 11.112448 10.858999
## [603] 11.944708 11.744037 11.767568 11.918391 12.206073

```

```
log(data$remote_ratio)
```

```
## [1] -Inf -Inf 3.912023 -Inf 3.912023 4.605170 4.605170 3.912023
## [9] 4.605170 3.912023 -Inf -Inf -Inf 4.605170 4.605170 3.912023
## [17] 4.605170 4.605170 3.912023 4.605170 -Inf 4.605170 3.912023 -Inf
## [25] -Inf 4.605170 3.912023 -Inf 4.605170 3.912023 4.605170 4.605170
## [33] 4.605170 -Inf 3.912023 3.912023 4.605170 3.912023 4.605170 4.605170
## [41] 4.605170 3.912023 -Inf 4.605170 3.912023 4.605170 4.605170 4.605170
## [49] 4.605170 3.912023 -Inf 4.605170 3.912023 4.605170 4.605170 4.605170
## [57] 4.605170 4.605170 3.912023 4.605170 4.605170 4.605170 3.912023 4.605170
## [65] 4.605170 3.912023 -Inf 4.605170 4.605170 -Inf 3.912023 3.912023
## [73] 3.912023 4.605170 4.605170 3.912023 4.605170 3.912023 4.605170 4.605170
## [81] 4.605170 4.605170 3.912023 4.605170 4.605170 4.605170 3.912023 4.605170
## [89] 4.605170 4.605170 4.605170 4.605170 4.605170 -Inf 3.912023 3.912023
## [97] 4.605170 4.605170 4.605170 4.605170 -Inf 4.605170 3.912023 -Inf
## [105] -Inf 3.912023 4.605170 4.605170 4.605170 4.605170 3.912023 4.605170
## [113] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170
## [121] 3.912023 4.605170 4.605170 -Inf 3.912023 4.605170 3.912023 -Inf
## [129] 4.605170 3.912023 3.912023 3.912023 4.605170 4.605170 -Inf 4.605170
## [137] 3.912023 3.912023 -Inf 4.605170 4.605170 -Inf -Inf 4.605170
## [145] 4.605170 3.912023 3.912023 4.605170 4.605170 4.605170 -Inf 4.605170
## [153] 4.605170 4.605170 4.605170 3.912023 4.605170 3.912023 4.605170 4.605170
## [161] 3.912023 -Inf 3.912023 3.912023 3.912023 4.605170 4.605170 -Inf
## [169] 3.912023 4.605170 4.605170 4.605170 4.605170 4.605170 3.912023 4.605170
## [177] -Inf 4.605170 3.912023 4.605170 -Inf 3.912023 -Inf 3.912023
## [185] 3.912023 4.605170 4.605170 4.605170 3.912023 3.912023 4.605170 3.912023
## [193] -Inf 4.605170 3.912023 3.912023 4.605170 4.605170 3.912023 4.605170
## [201] 3.912023 4.605170 4.605170 4.605170 4.605170 -Inf 4.605170 -Inf
## [209] -Inf -Inf 3.912023 3.912023 3.912023 -Inf 3.912023 4.605170
## [217] 3.912023 3.912023 4.605170 4.605170 4.605170 3.912023 -Inf 3.912023
## [225] 4.605170 4.605170 4.605170 3.912023 -Inf 4.605170 4.605170 4.605170
## [233] 4.605170 4.605170 4.605170 -Inf 4.605170 4.605170 -Inf 3.912023
## [241] 4.605170 4.605170 4.605170 4.605170 4.605170 3.912023 3.912023 -Inf
## [249] 3.912023 4.605170 3.912023 4.605170 4.605170 4.605170 4.605170 3.912023
## [257] 4.605170 4.605170 3.912023 -Inf 3.912023 3.912023 4.605170 -Inf
## [265] 4.605170 3.912023 -Inf -Inf 4.605170 3.912023 4.605170 -Inf
## [273] -Inf 4.605170 3.912023 4.605170 3.912023 4.605170 3.912023 4.605170
## [281] 4.605170 -Inf 4.605170 4.605170 3.912023 3.912023 4.605170 3.912023
## [289] 3.912023 4.605170 4.605170 4.605170 -Inf -Inf 4.605170 4.605170
## [297] 4.605170 4.605170 4.605170 4.605170 -Inf -Inf 4.605170 4.605170
## [305] 4.605170 -Inf -Inf -Inf -Inf 4.605170 4.605170 -Inf
## [313] -Inf -Inf -Inf 4.605170 4.605170 4.605170 4.605170 -Inf
## [321] -Inf -Inf -Inf -Inf -Inf 4.605170 4.605170 4.605170
## [329] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170
## [337] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170
## [345] 4.605170 4.605170 -Inf -Inf -Inf 4.605170 4.605170 4.605170
## [353] 4.605170 4.605170 -Inf -Inf -Inf 4.605170 4.605170 4.605170
## [361] 4.605170 4.605170 4.605170 4.605170 -Inf 4.605170 -Inf -Inf
## [369] 4.605170 4.605170 4.605170 -Inf -Inf -Inf -Inf 4.605170
## [377] -Inf 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170
## [385] 3.912023 4.605170 4.605170 -Inf 4.605170 -Inf -Inf -Inf
## [393] 4.605170 4.605170 4.605170 4.605170 4.605170 -Inf 4.605170 4.605170
## [401] 4.605170 4.605170 -Inf -Inf 4.605170 -Inf -Inf 4.605170
## [409] 4.605170 4.605170 -Inf -Inf 4.605170 4.605170 4.605170 4.605170
```

```
## [417] 4.605170 4.605170      -Inf 4.605170 4.605170 4.605170 4.605170      -Inf
## [425]      -Inf      -Inf 4.605170 4.605170      -Inf 4.605170 4.605170 4.605170
## [433] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170      -Inf      -Inf
## [441] 4.605170 4.605170 4.605170 4.605170      -Inf 4.605170 4.605170 4.605170
## [449] 4.605170 4.605170 4.605170 4.605170 3.912023 4.605170      -Inf 3.912023
## [457] 4.605170      -Inf 4.605170 4.605170 3.912023 3.912023 3.912023 4.605170
## [465] 4.605170 4.605170 3.912023 4.605170 4.605170 4.605170 4.605170 4.605170
## [473] 4.605170 4.605170      -Inf      -Inf 4.605170 4.605170 4.605170 4.605170
## [481] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 3.912023
## [489] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 3.912023
## [497] 4.605170 4.605170 3.912023 4.605170 4.605170 4.605170 4.605170 4.605170
## [505] 4.605170 3.912023 4.605170      -Inf 4.605170 4.605170 4.605170 3.912023
## [513] 4.605170 4.605170      -Inf 4.605170 4.605170 4.605170      -Inf 4.605170
## [521] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170
## [529] 4.605170 4.605170      -Inf      -Inf 4.605170 4.605170 4.605170 4.605170
## [537] 4.605170 4.605170      -Inf      -Inf 4.605170 4.605170      -Inf      -Inf
## [545] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170      -Inf      -Inf
## [553] 4.605170 4.605170 4.605170 4.605170 4.605170      -Inf      -Inf      -Inf
## [561]      -Inf      -Inf 4.605170 4.605170 4.605170      -Inf 4.605170      -Inf
## [569] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170
## [577] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170
## [585] 4.605170 4.605170      -Inf 4.605170      -Inf 4.605170 4.605170 4.605170
## [593] 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170 4.605170
## [601]      -Inf      -Inf 4.605170 4.605170      -Inf 4.605170 4.605170
```

```
k<-data$salary-data$remote_ratio-sd(data$salary)/var(data$salary)
```

```
k
```

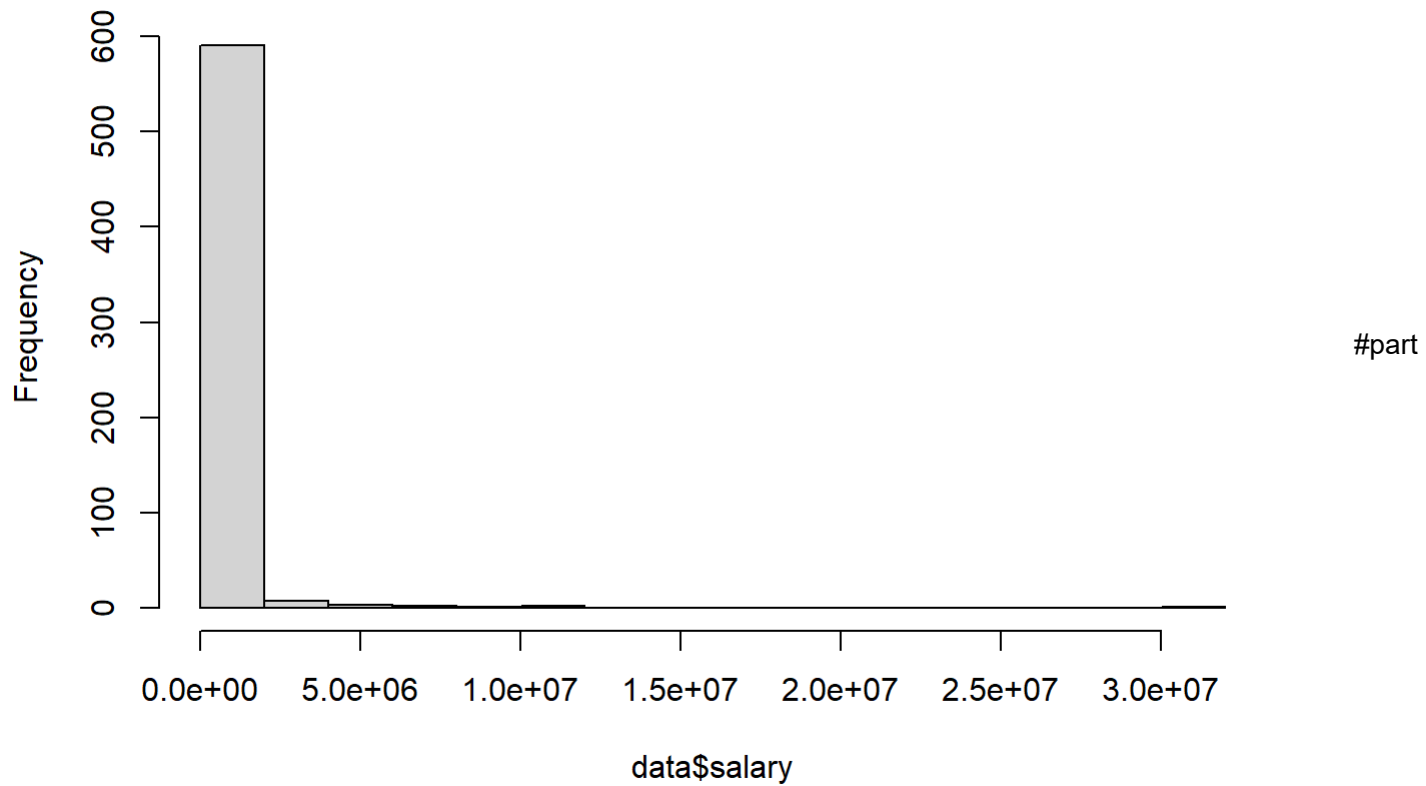
##	[1]	70000	260000	84950	20000	149950	71900	189900	10999950
##	[9]	134900	124950	45000	3000000	35000	86900	84900	7950
##	[17]	4449900	99900	422950	55900	299000	449900	41950	98000
##	[25]	115000	324900	41950	720000	99900	156950	51899	69900
##	[33]	59900	450000	40950	64950	102900	249950	9900	137900
##	[41]	45660	69950	44000	105900	87950	13900	59900	187900
##	[49]	104900	61450	450000	90900	299950	47900	59900	129900
##	[57]	33900	117900	119950	138250	109900	130700	18950	411900
##	[65]	39900	54950	43200	190100	104900	80000	54950	36950
##	[73]	59950	149900	234900	44950	99900	399950	269900	79900
##	[81]	66900	139900	67950	39900	129900	109900	49950	109900
##	[89]	169900	79900	74900	64900	1449900	276000	2199950	119950
##	[97]	11900	449900	69900	80900	75000	149900	10999950	62000
##	[105]	73000	37406	234900	114900	149900	2249900	79950	82400
##	[113]	74900	11900	38300	224900	49900	33900	89900	199900
##	[121]	59950	199900	49900	80000	8710	150900	119950	700000
##	[129]	19900	2999950	99950	41950	38300	23900	100000	89900
##	[137]	6999950	8499950	220000	79900	134900	240000	150000	82400
##	[145]	99900	69950	52950	89900	152900	159900	168000	149900
##	[153]	94900	13300	143900	159450	159900	422950	119900	124900
##	[161]	229950	85000	23950	53950	109950	164900	79900	250000
##	[169]	54950	149900	169900	59900	59900	234900	51350	173900
##	[177]	58000	30399900	80950	419900	1672000	76710	22000	44950
##	[185]	11950	3900	49900	58900	64950	73950	151900	21794
##	[193]	18000	173900	120450	146950	9172	1799897	3999950	89900
##	[201]	51950	194900	31900	49900	159900	69600	199900	165000
##	[209]	20000	120000	20950	47950	47950	435000	20950	184900
##	[217]	179950	76710	74900	139900	179900	84950	2500000	40850
##	[225]	224900	415900	109900	74950	135000	89900	1199900	255900
##	[233]	199900	199900	179900	110000	79900	39500	4000	1599950
##	[241]	129900	79900	109900	164900	1334900	52450	30950	108000
##	[249]	69950	169900	114950	89900	599900	2099900	92900	124950
##	[257]	199900	146900	184950	120000	129950	53950	1249900	4900000
##	[265]	21500	159950	93150	111775	249900	54950	72400	102000
##	[273]	65000	84900	65670	99900	57950	54900	179950	49900
##	[281]	111900	100000	58900	104900	69949	6999950	86900	108950
##	[289]	43150	134900	154900	120500	130000	90000	169900	149900
##	[297]	102000	84800	136520	99260	90000	80000	145900	122900
##	[305]	39900	99000	116000	106260	126500	241900	199900	50000
##	[313]	30000	60000	40000	165120	34900	120060	90220	181940
##	[321]	132320	220110	160080	180000	120000	124090	129900	109900
##	[329]	169900	115400	112800	90220	112800	90220	165300	132220
##	[337]	166900	243800	136500	109180	128775	93600	223900	167775
##	[345]	174900	156500	108800	95550	113000	134900	161242	137041
##	[353]	166900	122900	60000	50000	150000	211400	192300	90600
##	[361]	129900	61200	129900	61200	160000	138500	136000	58000
##	[369]	134900	169900	122900	189650	164996	50000	50000	149900
##	[377]	132000	165300	208675	147700	136894	101470	128775	93600
##	[385]	5999950	132220	28400	164000	154900	95000	75000	120000
##	[393]	112800	90220	144900	105300	79900	90000	215200	158100
##	[401]	209000	154500	115934	81666	174900	75000	58000	183500
##	[409]	39900	179900	55000	35000	59900	44900	59900	44900

```
## [417] 259900 59900 63900 159900 112200 240900 158900 180000
## [425] 80000 82900 100700 44900 140400 29900 39900 29900
## [433] 79900 69900 79900 69900 59900 79900 189650 164996
## [441] 39900 29900 74900 59900 215300 69900 209000 154500
## [449] 179900 19900 79900 99900 249950 119900 125000 239950
## [457] 104900 80000 1399900 2399900 52950 99950 49950 1399900
## [465] 147900 119900 143950 104790 99900 139900 134900 49900
## [473] 219900 139900 140000 70000 185000 219900 199900 119900
## [481] 119900 64900 323900 215900 209900 119900 229900 99950
## [489] 99900 28900 199900 74900 149900 99900 99900 152950
## [497] 52700 164900 84950 66400 56900 29900 39900 120900
## [505] 114900 119950 74900 59000 119900 156900 149900 89950
## [513] 64900 64900 20000 47900 152400 61900 115000 379900
## [521] 87900 9900 19900 404900 134900 176900 77900 134900
## [529] 99900 90220 85000 75000 213900 192500 266300 213020
## [537] 112800 154900 141300 102100 115834 81566 206699 99100
## [545] 129900 114900 110400 129900 98950 159900 205300 140400
## [553] 175900 143900 200000 159900 144900 70500 205300 140400
## [561] 205300 184700 175000 140150 116050 54000 169900 50000
## [569] 79900 139900 209900 139900 99900 68900 209900 139900
## [577] 209900 149975 99900 24900 126400 106160 220010 159980
## [585] 104900 110825 35000 139900 99000 59900 192464 144754
## [593] 229900 149900 150160 109180 209900 169900 159900 129900
## [601] 67000 52000 153900 125900 129000 149900 199900
```

#part e - plotting variable

```
hist(data$salary,main=" HISTOGRAM OF salary")
```

HISTOGRAM OF salary



f scatterplot

```
plot(data$salary,data$remote_ratio,main="scatterplot")
```

scatterplot

