Kamaleshs-MacBook-Pro.local::/Users/kamalesh\_das/Desktop/Python/AcadGild$python Pandas\_Assignment\_10\_1.py

Top 5 Rows before deleting unnamed columns

------------------------------

Unnamed: 0 Id Name Year Gender State Count

0 11349 11350 Emma 2004 F AK 62

1 11350 11351 Madison 2004 F AK 48

2 11351 11352 Hannah 2004 F AK 46

3 11352 11353 Grace 2004 F AK 44

4 11353 11354 Emily 2004 F AK 41

Top 5 Rows after Delete unnamed columns

------------------------------

Id Name Year Gender State Count

0 11350 Emma 2004 F AK 62

1 11351 Madison 2004 F AK 48

2 11352 Hannah 2004 F AK 46

3 11353 Grace 2004 F AK 44

4 11354 Emily 2004 F AK 41

Show the distribution of male and female

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Gender

F 16380293

M 19041199

Name: Count, dtype: int64

Show the top 5 most preferred names

----------------------------------------

Unnamed: 0 Id Year Count

Name

Jacob 1665680788 1665681356 1141099 242874

Emma 1629481684 1629482250 1137085 214852

Michael 1687520717 1687521295 1161152 214405

Ethan 1660807908 1660808475 1139091 209277

Isabella 1630131220 1630131786 1137090 204798

What is the median name occurence in the dataset

--------------------------------------------------

Name

Jacob 427.59507

Name: Count, dtype: float64

Distribution of male and female born count by states

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Gender State

F AK 26250

AL 215308

AR 129712

AZ 368567

CA 2414063

CO 260805

CT 141350

DC 35276

DE 31312

FL 915422

GA 549637

HI 37279

IA 144764

ID 72808

IL 695312

IN 344962

KS 147216

KY 210201

LA 221859

MA 294236

MD 269915

ME 43718

MI 480990

MN 276884

MO 307848

MS 127343

MT 31622

NC 501151

ND 30054

NE 88998

NH 45065

NJ 425430

NM 85115

NV 123730

NY 1036009

OH 598027

OK 184967

OR 172111

PA 593382

RI 35560

SC 197917

SD 34104

TN 336487

TX 1786281

UT 202892

VA 405503

VT 15079

WA 334944

WI 264921

WV 73800

WY 14107

M AK 37399

AL 260114

AR 162947

AZ 439691

CA 2670584

CO 313425

CT 171397

DC 47228

DE 41748

FL 1060957

GA 635531

HI 53127

IA 174009

ID 94320

IL 791679

IN 408525

KS 179824

KY 250589

LA 271646

MA 343996

MD 315331

ME 55650

MI 557090

MN 318917

MO 364924

MS 160800

MT 44143

NC 577529

ND 39507

NE 112369

NH 56482

NJ 487900

NM 113542

NV 156037

NY 1172145

OH 688343

OK 228613

OR 209445

PA 682709

RI 47939

SC 237442

SD 45443

TN 398615

TX 2005394

UT 245324

VA 466873

VT 21353

WA 395377

WI 311758

WV 93557

WY 21912