Group Name: A 143   **Name of Student Presenting:**

Research Question –

Tutorial Presentation for Feedback

Date :

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Dataset ID: **DS 333 – GooglePlaystoreApps.csv**

This dataset is interesting to us because it reveals factors that contribute to the success of apps on the play store.

Our Independent variable is: RATING

This Independent variable datatype is Interval / Measurement

Our Dependent variable is: TYPE

This Dependent variable datatype is: Nominal / categorical

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Our Research Question is

Is there a difference in the mean rating of apps between free and paid apps. [Type=Free/Paid]

Null Hypothesis (H_0) : There is no difference in mean between rating and type.

Alternative Hypothesis (H_1) : There is a difference in mean between rating and type.

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Dataset – Snippet

GooglePlayStoreApps

	App	Category	Rating	Reviews	Size_in_MB	Installs	Type	Price	Content Rating	Genres	Last Updated	CURRENT_VERSION	ANDROID_VERSION
0	Photo Editor & Candy Camera & Grid & ScrapBook	ART_AND_DESIGN	4.1	159	19.0	10000	Free	0.0	Everyone	Art & Design	January 7, 2018	1.0.0	4.0.3 and up
1	Coloring book moana	ART_AND_DESIGN	3.9	967	14.0	500000	Free	0.0	Everyone	Art & Design;Pretend Play	January 15, 2018	2.0.0	4.0.3 and up
2	U Launcher Lite – FREE Live Cool Themes, Hide Apps	ART_AND_DESIGN	4.7	87510	8.7	5000000	Free	0.0	Everyone	Art & Design	August 1, 2018	1.2.4	4.0.3 and up
3	Sketch - Draw & Paint	ART_AND_DESIGN	4.5	215644	25.0	50000000	Free	0.0	Teen	Art & Design	June 8, 2018	Varies with device	4.2 and up
4	Pixel Draw - Number Art Coloring Book	ART_AND_DESIGN	4.3	967	2.8	100000	Free	0.0	Everyone	Art & Design;Creativity	June 20, 2018	1.1	4.4 and up
5	Paper flowers instructions	ART_AND_DESIGN	4.4	167	5.6	50000	Free	0.0	Everyone	Art & Design	March 26, 2017	1	2.3 and up
6	Smoke Effect Photo Maker - Smoke Editor	ART_AND_DESIGN	3.8	178	19.0	50000	Free	0.0	Everyone	Art & Design	April 26, 2018	1.1	4.0.3 and up
7	Infinite Painter	ART_AND_DESIGN	4.1	36815	29.0	1000000	Free	0.0	Everyone	Art & Design	June 14, 2018	6.1.61.1	4.2 and up
8	Garden Coloring Book	ART_AND_DESIGN	4.4	13791	33.0	1000000	Free	0.0	Everyone	Art & Design	September 20, 2017	2.9.2	3.0 and up
9	Kids Paint Free - Drawing Fun	ART_AND_DESIGN	4.7	121	3.1	10000	Free	0.0	Everyone	Art & Design;Creativity	July 3, 2018	2.8	4.0.3 and up
10	Text on Photo - Fonteee	ART_AND_DESIGN	4.4	13880	28.0	1000000	Free	0.0	Everyone	Art & Design	October 27, 2017	1.0.4	4.1 and up
11	Name Art Photo Editor - Focus n Filters	ART_AND_DESIGN	4.4	8788	12.0	1000000	Free	0.0	Everyone	Art & Design	July 31, 2018	1.0.15	4.0 and up
12	Tattoo Name On My Photo Editor	ART_AND_DESIGN	4.2	44829	20.0	10000000	Free	0.0	Teen	Art & Design	April 2, 2018	3.8	4.1 and up
13	Mandala Coloring Book	ART_AND_DESIGN	4.6	4326	21.0	100000	Free	0.0	Everyone	Art & Design	June 26, 2018	1.0.4	4.4 and up
14	3D Color Pixel by Number - Sandbox Art Coloring	ART_AND_DESIGN	4.4	1518	37.0	100000	Free	0.0	Everyone	Art & Design	August 3, 2018	1.2.3	2.3 and up
15	Learn To Draw Kawaii Characters	ART_AND_DESIGN	3.2	55	2.7	5000	Free	0.0	Everyone	Art & Design	June 6, 2018	Varies with device	4.2 and up
16	Photo Designer - Write your name with shapes	ART_AND_DESIGN	4.7	3632	5.5	500000	Free	0.0	Everyone	Art & Design	July 31, 2018	3.1	4.1 and up
17	350 Diy Room Decor Ideas	ART_AND_DESIGN	4.5	27	17.0	10000	Free	0.0	Everyone	Art & Design	November 7, 2017	1	2.3 and up
18	FlipaClip - Cartoon animation	ART_AND_DESIGN	4.3	194216	39.0	5000000	Free	0.0	Everyone	Art & Design	August 3, 2018	2.2.5	4.0.3 and up
19	ibis Paint X	ART_AND_DESIGN	4.6	224399	31.0	10000000	Free	0.0	Everyone	Art & Design	July 30, 2018	5.5.4	4.1 and up
20	Logo Maker - Small Business	ART_AND_DESIGN	4.0	450	14.0	100000	Free	0.0	Everyone	Art & Design	April 20, 2018	4	4.1 and up
21	Boys Photo Editor - Six Pack & Men's Suit	ART_AND_DESIGN	4.1	654	12.0	100000	Free	0.0	Everyone	Art & Design	March 20, 2018	1.1	4.0.3 and up
22	Superheroes Wallpapers	4K Backgrounds	ART_AND_DESIGN	4.7	7699	4.2	500000	Free	0.0	Everyone 10+	Art & Design	July 12, 2018	2.2.6.2	4.0.3 and up

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