ZADATAK: U sklopu zadaće 2, potrebno je uraditi sljedeće:
1. Odabir odgovarajućeg seta podataka. Set podataka treba sadržati barem 4 numeričke varijable, 3-4 kategorijske varijable. Izbor seta podataka se može napraviti na https://www.kaggle.com/datasets, https://archive.ics.uci.edu/ml/datasets.php, ili nekom drugom sličnom repozitoriju.
2. Odraditi analizu seta podataka - deskriptivnu statistiku i vizualizaciju distribucija varijable, te dati zaključke o ponašanju seta podataka.
3. Koristeći chi-square test za ispitivanje nezavisnost kategorijskih varijable, ispitati zavisnosti / nezavisnosti izmedju 2-3 para kategorijskih varijabli (chi-square test of independence).
4. Za svaku numeričku varijablu u setu podataka je potrebno provjeriti da li prati normalnu distribuciju, i to koristeći Kolmogorov–Smirnov i Shapiro–Wilk statističke testove, i QQ-plot kao grafički test (tests for normality).
5. Za numeričke varijable uraditi estimaciju intervala pouzdanosti srednje vrijednosti, a odabir odgovarajuće statistika uraditi na osnovu veličine odabranog seta podataka (confidence intervals).
6. Za kategorijske varijable uraditi estimaciju intervala pouzdanosti proporcije (confidence intervals for proportions).
7. Na osnovu poglavlja 10 u knjizi, postaviti i statistički ispitati barem 4 različite hipoteze. Protumačiti dobijene rezultate.
8. BONUS BODOVI (+2 boda) Postaviti (najsmisleniji) model linearne regresije (ukoliko je moguće) kojim se predvidja vrijednost neke numeričke varijable. Obrazložiti postavljeni model i dobijene rezultate.

Svi članovi tima trebaju učestvovati jednako u izradi zadaće, a kako bi to pokazali, svaki član tima treba da tačno označi dijelove koda i izvještaja koji je pisao u google colab notebook-u.

ROK: 19.6.2023 do 23:59

Napomena: Ime vašeg notebook-a treba da bude VIS23-Z2-TIMBROJTIMA. Npr. VIS23-Z2-TIM13

		Ovdje upisujete link odabranog seta podataka	Bodovi	
	Zahiragić Faruk		11	
	Kurtović Esma			
	Kadušić Kanita			
TIM 1	Živojević Edin	Diabetes prediction dataset | Kaggle		
	Đelmo Edi		12	
	Hastor Tarik			
	Buzadžić Eldar			
Tim 2	Jozić Ivona	Heart Failure Prediction Dataset | Kagg		
	Šehić Zakir		12	
	Borovina Lamija			
	Galijašević Irma			
Tim 3	Kazazović Amina	Sleep Health and Lifestyle Dataset | Ka		
	Smajić Merima		8	nedovoljna analiza rezultata
	Hadžihasanović Benjamin	https://www.kaggle.com/datasets/jessemostipak/astronaut-database		
	Duranović Mina			
Tim 4	Šehić Iman			
	Softić Ahmed		11	nema prikaza rezultata linearne regresije i komentara
	Durmo Belmin			
	Jusufbegović Alma			
Tim 5	Kasapović Faris			
	Softić Kanita		12	
	Gutošić Merjem	Life Expectancy		
	Mališević Haris			
Tim 6	Muslić Ismar			
	Bašović Arman		10	

	Dervišević Adnan											
	Duvnjak Emir											
Tim 7	Drakovac Adi	https://www.kaggle.com/datasets/arnab										
	Muratović Fatima		9									
	Pirija Nejra											
Tim 8	Kereš Adi	https://www.kaggle.com/datasets/imaka										
	Mahmutović Mirza		9									
	Pamuk Azra											
	Ljaljak Ali											
Tim 9	Ćorović Adnan	Credit Card Customers										
	Baždar Benjamin		9									
	Mioč Harun											
	Goralija Harun	https://www.kaggle.com/datasets/uciml/student-alcohol-consumption?select=student-por.csv										
Tim 10	Nekić Elma											
	Dautbegović Sara		5									
	Čovčić Harun											
Tim 11	Tutun Adil	https://www.kaggle.com/datasets/pesh										
	Prašović Aldin		10									
	Maglić Lamija											
	Mršo Adna	Medical Cost Personal Datasets	Kaggle										
Tim 13	Čaušević Lamija											
	Avdagić Faruk		7									
	Hodžić Amar											
	Hasanbegović Ajla	*Google Play Store Apps*										
Tim 14	Kurtović Emira											
	Avdušinović Zerina		10									
	Banda Nedim											
	Abadžić Kenan	https://www.kaggle.com/datasets/desalegngeb/students-exam-scores										
Tim 15	Bečić Nedim											
	Rešidović Mahir		11-12									
	Čaluk Tarik											
	Karalić Nejla											
Tim 16	Išerić Abdullah	Attrition Rate of a Company	Kaggle										
	Okerić Rijad	https://www.kaggle.com/datasets/utkarshx27/smoking-dataset-from-uk	8									
	Valjevac Omer											
	Kovač Azra											
Tim 17	Glušac Merima											
	Pezo Halima		11									
	Sarajlić Lamija											
	Buza Zehra											
	Čorhusić Ahmed											
Tim 18	Višća Adna	https://www.kaggle.com/datasets/ursm										
	Kalajdžija Nedim	https://www.kaggle	10									

Tim	Name	Dataset	Value	Note
Tim 19	Tutić Adnan Hrustić Ajla	https://www.kaggle.com/datasets/zusmani/us-mass-shootings-last-50-years		
Tim 21	Merjem Milisic Mujkić Daris Mušinović Emina Hadžić Hamza	https://www.kaggle.com/datasets/iabhishekofficial/mobile-price-classification?select=test.csv	7	
Tim 22	Ćatić Samira Ćenanović Nejla Hajdarević Adna Halilović Elvedina	https://www.kaggle.com/datasets/ayessa/salary-prediction-classification	5	zasto engleski?
Tim 23	Hodžić Ensar Hodžić Nejra Kerla Ajra Hodžić Elma Kerla Amna	Video Game Sales | Kaggle	12	
Tim 24	Nikšić Azra Nil Ayša Kozlić Lejan Pešković Dinela	https://www.kaggle.com/datasets/uom1	7	
Tim 25	Pilav Jasmina Tabaković Ibrahim Žiga Irhad Papić Alija	https://www.kaggle.com/datasets/fedesoriano/stroke-prediction-dataset	10	
Tim 26	Tabaković Adna Đulić Tarik Jusupović Muhamed Zolj Šaban	https://www.kaggle.com/datasets/ahme	9	
Tim 27	Alihodžić Adna Džambas Harun Tirak Elma Dervić Adel	https://www.kaggle.com/datasets/unsd	9	
Tim 28	Topuz Muhamed Fazlić Haris Buljubašić Ahmed Trako Azra		11	
Tim 29	Jamaković Emina Ičić Ajna Hadžiselimović Eldar Madžak Dževad Zubović Ilma	https://www.kaggle.com/datasets/tanat	11	
Tim 30	Selimović Lamija Katica Amina Jugović Rijad Begić Fadila		8	

	Šakrak Ena		8.5									
	Omerbegović Lejla	https://www.kaggle.com/datasets/uom190346a/sleep-health-and-lifestyle-dataset										
	Halilović Lamija											
Tim 31	Bakić Iman											
	Efendić Kerim		8									
	Bibić Nejla											
	Gičević Lejla											
Tim 32	Hebibović Ali	https://www.kaggle.com/datasets/guna										
	Mehmedspahić Emir		9									
	Spahić Faris	https://www.kaggle.com/datasets/anubhavgoyal10/laptop-prices-dataset?resource=download										
	Hajdarević Ajdin											
Tim 33	Šemić Emin											
	Alihodžić Ajdin		4									
	Grebić Amina	https://www.kaggle.com/code/iabhishekmaurya/used-car-price-prediction/input										
	Šubo Nedim											
Tim 34	Hadžikić Nejla											
	Islamović Ajla		8									
	Muslibegović Muhamed											
	Mioć Sarah											
Tim 35	Lukić Ivana	https://www.kaggle.com/datasets/datas										
	Puščul Nedžma		8									
	Nurkić Leila											
	Sedić Mubina											
Tim 36	Bukva Melina											
	Hopić Nejla		8									
	Sijerčić Faruk	https://www.kaggle.com/datasets/muhmores/spotify-top-100-songs-of-20152019										
	Krnjić Džana											
Tim 37	Dorić Amar											
	Ćatić Edin											
	Hadžimujić Azam											
	Hrustić Abdulah											
Tim 38	Podrug Mirza											
	Kapo Kerim		9									
	Smajić Melika											
	Ćesir Ajla											
Tim 39	Kumalić Hamza											
	Čorbo Mensura		7	dio tima radio?	Faruk i Mensura							
	Kapidžić Mustafa	https://www.kaggle.com/datasets/peshimaammuzammil/2023-car-model-dataset-all-data-you-need										
	Solo Amar											
Tim 40	Baković Faruk											
	Devedžić Bakir		6									
	Jakupović Rasim											
	Memić Emir											
Tim 41	Šabanović Irfan	https://www.kaggle.com/datasets/andre										

	Mezić Sara			7	sara i haris nisu ucestvovali?
	Mujalo Amer				
	Pojskić Nedim				
	Poturak Denan				
Tim 42	Silajdžić Haris				
	Agić Sead				Nema pristupa notebooku — Poruka: File is in owner's trash
	Bakija Benjamin				
	Baručija Emin				
Tim 43	Bećirović Imad				
	Beganović Berna				nisu predali?
	Bučan Kemal				
Tim 44	Bunar Hamza				
	Čalkić Ajdin				
	Česo Imran				
Tim 45	Češljar Tarik				
	Čustović Adin			9	Harun nije radio nikako?
	Dedović Harun				
	Dlakić Abdullah				
Tim 46	Džafo Ensar	FIFA Players Dataset			
	Đinalić Ajdin			10	Tarik Fazlic je jedini radio
	Fazlić Tarik				
Tim 47	Hadžagić Amar	https://www.kaggle.com/datasets/prach			
	Hadžibegović Mirza			10	Faris, Ermin i Nedm su učestvovali u izradi samo
	Hadžić Ermin				
	Hadžimusić Faris				
	Čičkušić Edin				
Tim 48	Hanić Nedim	https://www.kaggle.com/datasets/lava1			
	Hasanović Emin			7	Nije jasno ko je sve učestvovao u izradi. ličina Zijad i Evvel su imenovani
	Jurić Ena				
	Kamenjaš Evvel				
	Krečinić Dino				
Tim 49	Ličina Zijad				
	Lulić Ilhan				nisu predali?
	Mahmutović Eldin				
	Malkić Amar				
	Marić Đenana				
Tim 50	Mešić Haris				
	Muharemović Nedim			0	prazan notebook predan
	Muhić Harun				
	Muratović Eldar				
	Ohran Tarik				
Tim 51	Palavra Dino				
	Pekmez Amar				nisu predali?
	Selimović Ahmed				

	Ribo Vedad			
	Skopljak Eman			
Tim 52	Zaimović Amila			
	Skopljak Malik		3.5	Zadacu radili: Suljević Amar i Suljić Enes
	Spahić Hamza			
	Suljević Amar			
	Suljić Enes			
Tim 53	Zilić Amir			
	Šabaredžović Armin		9	
	Šaljić Aldin			
	Osmanbašić Vedad			
	Tahirović Aldan			
Tim 54	Zahirović Edib			
	Kajević Alen		8	
	Ranica Ramiza			
	Rovčanin Amina			
	Matković-Arnautović Ena			
Tim 55	Cvijetić Ana	https://www.kaggle.com/datasets/shrey		
	Teskeredžić Edvin		3	
	Ruvić Suljo			
Tim 56	Silajdžić Amar			
	Amar Husika			nije predao?