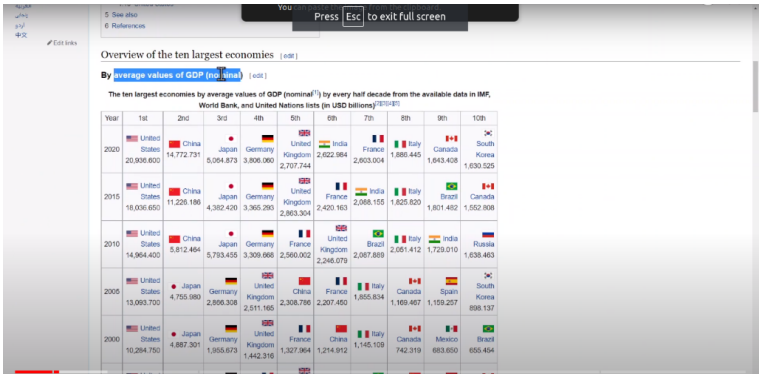
BAR CHART RACE

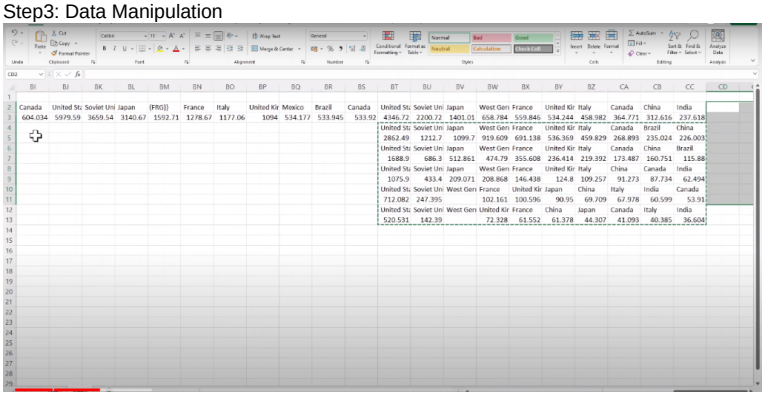
01 November 2022 10:09

Step1: Get the data: Nominal GDP Data

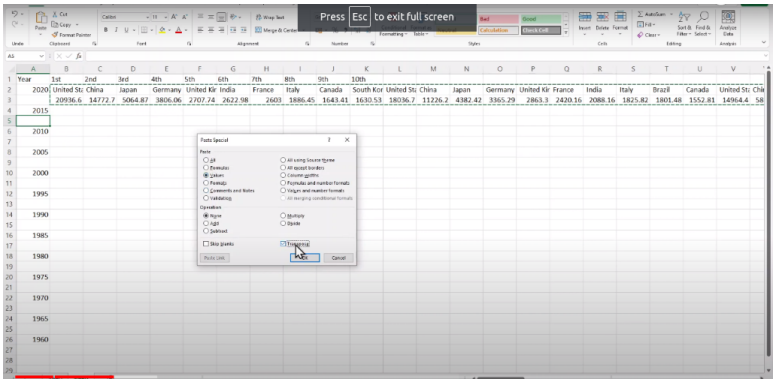


Step2: Paste in Excel. We can also scrape here

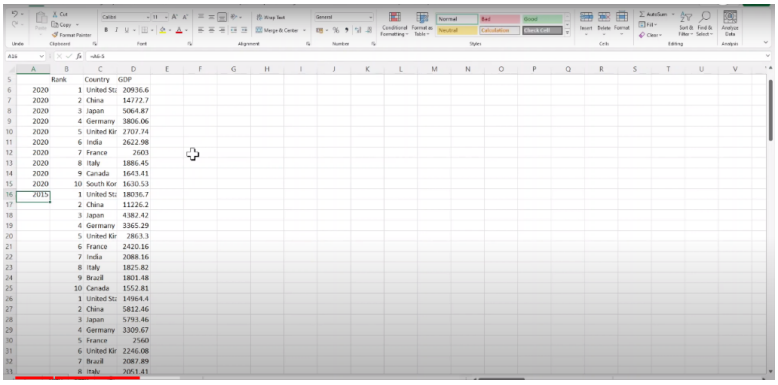
Step3: Data Manipulation



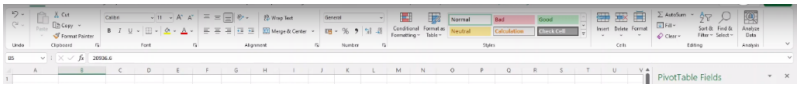
Step4: Paste Special Transpose

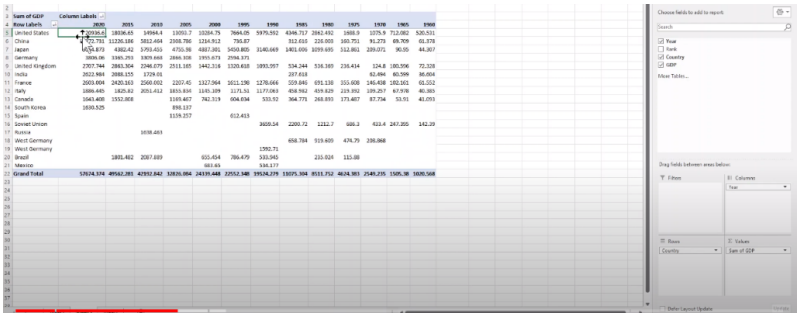


Step5: Create manually some columns

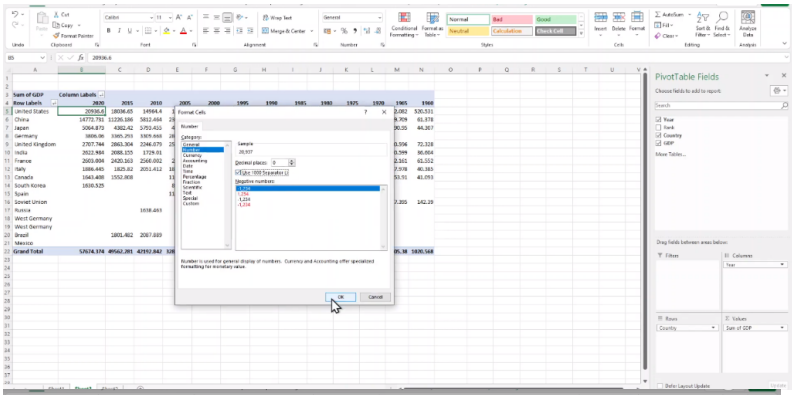


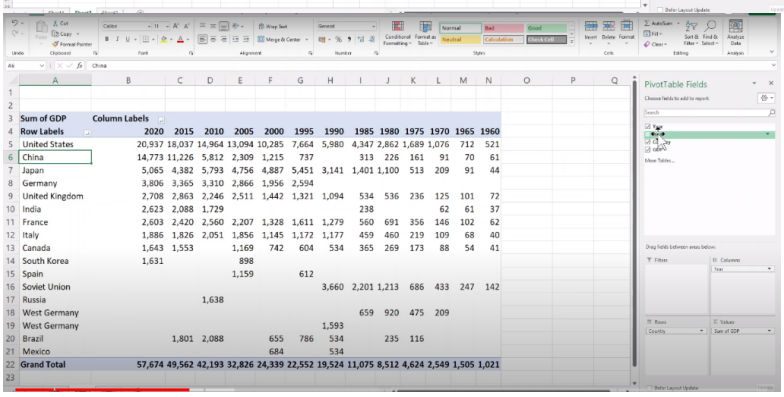
Step6: Create Pivot table





Step7: Format numbers



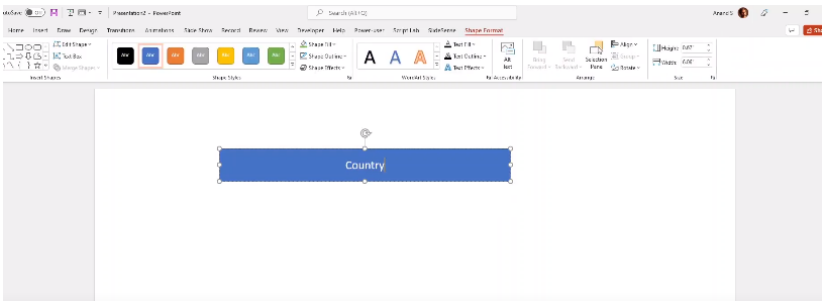


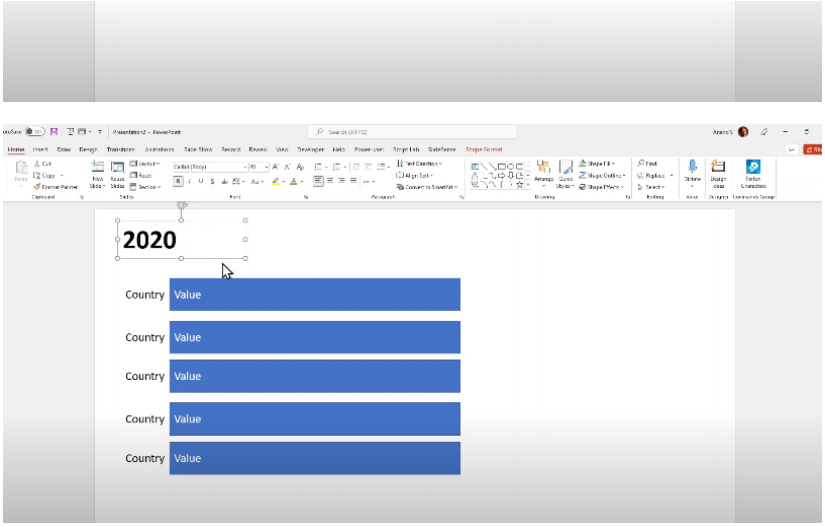
Sum of GDP	Column Labels												
Row Labels	2020	2015	2010	2005	2000	1995	1990	1985	1980	1975	1970	1965	1960
United States	20,937	18,037	14,964	13,094	10,285	7,664	5,980	4,347	2,862	1,689	1,076	712	521
China	14,773	11,226	5,812	2,309	1,215	737		313	226	161	91	70	61
Japan	5,065	4,382	5,793	4,756	4,887	5,451	3,141	1,401	1,100	513	209	91	44
Germany	3,806	3,365	3,310	2,866	1,956	2,594							
United Kingdom	2,708	2,863	2,246	2,511	1,442	1,321	1,094	534	536	236	125	101	72
India	2,623	2,088	1,729					238			62	61	37
France	2,603	2,420	2,560	2,207	1,328	1,611	1,279	560	691	356	146	102	62
Italy	1,886	1,826	2,051	1,856	1,145	1,172	1,177	459	460	219	109	68	40
Canada	1,643	1,553		1,169	742	604	534	365	269	173	88	54	41
South Korea	1,631			898									
Spain				1,159		612							
Soviet Union							3,660	2,201	1,213	686	433	247	142
Russia			1,638										
West Germany								659	920	475	209		
West Germany							1,593						
Brazil		1,801	2,088		655	786	534		235	116			
Mexico					684		534						
Grand Total	57,674	49,562	42,193	32,826	24,339	22,552	19,524	11,075	8,512	4,624	2,549	1,505	1,021

1	Rank	(Multiple Items)
2		
3	Sum of GDP	Column Labels
4	Row Labels	2020 2015 2010 2005 2000
5	United States	20,937 18,037 14,964 13,094 10,285
6	China	14,773 11,226 5,812 2,309
7	Japan	5,065 4,382 5,793 4,756 4,887
8	Germany	3,806 3,365 3,310 2,866 1,956
9	United Kingdom	2,708 2,863 2,511 1,442
10	France	2,560 1,328
11	Grand Total	47,288 39,874 32,440 25,536 19,898
12		
13		

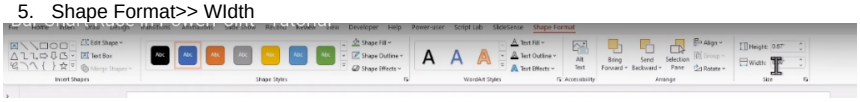
Step8: Create Bar Chart Race: (In powerpoint)

1. Create a blank layout
2. Draw a rectangular shape with country name

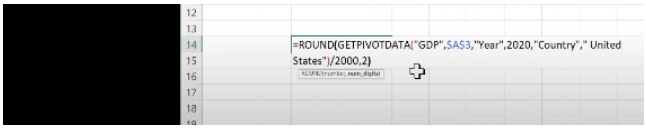




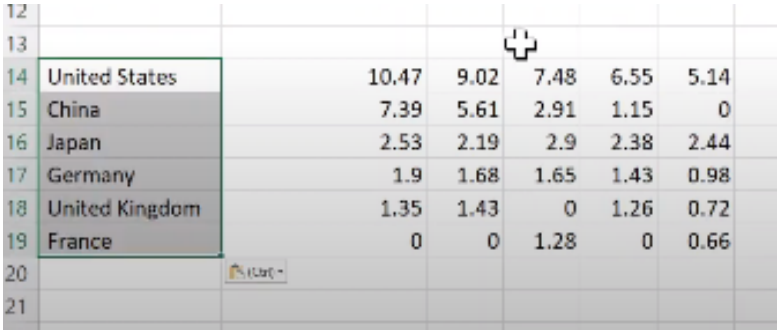
3. Alignment: Home Drawing : align blocks vertically
4. Fix the width of the bar based on the numbers from our excel table
5. Shape Format>> WIdth



6. Round the values

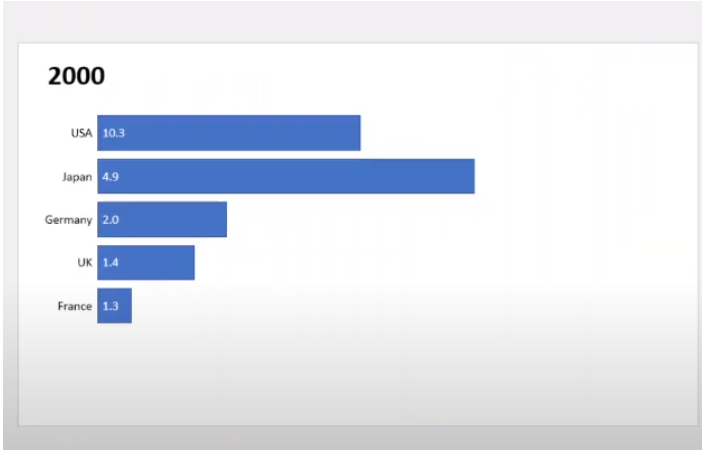


7. Create a new table

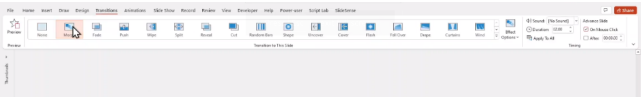


United States	10.47	9.02	7.48	6.55	5.14
China	7.39	5.61	2.91	1.15	0
Japan	2.53	2.19	2.9	2.38	2.44
Germany	1.9	1.68	1.65	1.43	0.98
United Kingdom	1.35	1.43	0	1.26	0.72
France	0	0	1.28	0	0.66

8. Repeat the below step for all the years

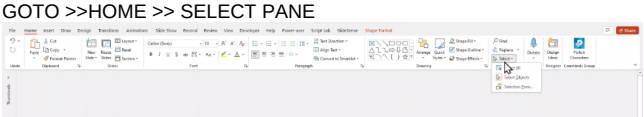


9. Morph Transition for making text move smothly

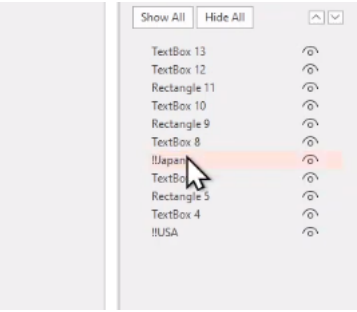
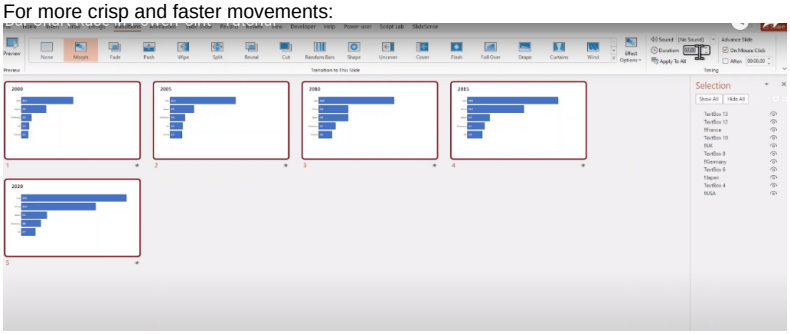
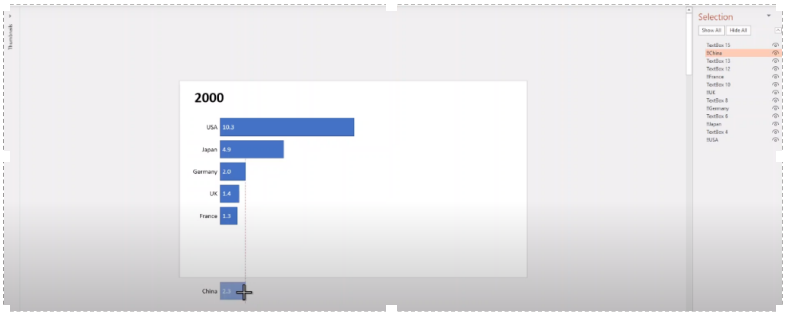


10 To get the bars move smoothly,

GOTO >>HOME >> SELECT PANE



Give names to our blue block
!!USA on all the slides
!! Japan on all slides ... so on..



- For more crisp and faster movements: