DTS204TC Coursework Explanation

Overview

- Two Tasks
- Individual work
- 100%
- Last 2 years average mark: around 64
- Resit is difficult

Task 1

- 60%
- Dataset: Badminton World Ranking
- Data Range: Top 20

ranking	player_name	jorsey_name	country	tournament	points
1	Viktor Axelsen	AXELSEN	Denmark	15	101355
2	Anthony Sinisuka Ginting	GINTING	Indonesia	19	86611
3	Shi Feng Li	LI	China	23	81948
4	Jonatan Christie	CHRISTIE	Indonesia	18	81871
5	Kodai Naraoka	NARAOKA	Japan	23	80915
6	Kunlavut Vitidsarn	VITIDSARN	Thailand	18	79778
7	Yu Qi Shi	SHI	China	21	76874
8	H. S. Prannoy	PRANNOY	India	19	76037
9	Kean Yew Loh	LOH	Singapore	23	71062
10	Anders Antonsen	ANTONSEN	Denmark	19	66610
11	Zii Jia Lee	LEE	Malaysia	23	66496
12	Kenta Nishimoto	NISHIMOTO	Japan	25	61757
13	Tien Chen Chou	CHOU	Chinese Taipei	25	60867
14	Guang Zu Lu	LU	China	21	60850
15	Tze Yong Ng	NG	Malaysia	24	59940
16	Kanta Tsuneyama	TSUNEYAMA	Japan	23	59721
17	Lakshya Sen	SEN	India	21	57851
18	Hong Yang Weng	WENG	China	20	56440
19	Cheuk Yiu Lee	LEE	Hong Kong China	25	55934
20	Ka Long Angus Ng	NG	Hong Kong China	24	54522

Task 1

- What are you going to present in the visualization ?
  - **Number of players** from each country/region
  - **Sum of points** of each country/region
  - (interaction) **Highest ranking** of each country/region
  - (interaction) **Names and corresponding points** of players from each country /region

	A	B	C	D	E	F
1	ranking	player_name	jorsey_name	country	tournament	points
2	1	Viktor Axelsen	AXELSEN	Denmark	15	101355
3	2	Anthony Sinisuka Ginting	GINTING	Indonesia	19	86611
4	3	Shi Feng Li	LI	China	23	81948
5	4	Jonatan Christie	CHRISTIE	Indonesia	18	81871
6	5	Kodai Naraoka	NARAOKA	Japan	23	80915
7	6	Kunlavut Vitidsarn	VITIDSARN	Thailand	18	79778
8	7	Yu Qi Shi	SHI	China	21	76874
9	8	H. S. Prannoy	PRANNOY	India	19	76037
10	9	Kean Yew Loh	LOH	Singapore	23	71062
11	10	Anders Antonsen	ANTONSEN	Denmark	19	66610
12	11	Zii Jia Lee	LEE	Malaysia	23	66496
13	12	Kenta Nishimoto	NISHIMOTO	Japan	25	61757
14	13	Tien Chen Chou	CHOU	Chinese Taipei	25	60867
15	14	Guang Zu Lu	LU	China	21	60850
16	15	Tze Yong Ng	NG	Malaysia	24	59940
17	16	Kanta Tsuneyama	TSUNEYAMA	Japan	23	59721
18	17	Lakshya Sen	SEN	India	21	57851
19	18	Hong Yang Weng	WENG	China	20	56440
20	19	Cheuk Yiu Lee	LEE	Hong Kong China	25	55934
21	20	Ka Long Angus Ng	NG	Hong Kong China	24	54522

Task 1

- Why is no example provided in the task 1?
  - It's ***not*** a task that I give you the example and you re-provide it by D3.
  - You need to **design** the visualization by yourself and then complete your design by **programming**
  - Design → Lecture D1
  - Programming → Lecture D2 + Lab

Task 2

- Analyze and compare 2 existing data visualization from the same data source

- Please do click the links in the coursework paper since you may need to experience the interaction and animation.

- The empty form is provided. What you need to do is to fill in the form based on your own understanding.

- Lecture D1

Task 2

- On Week 12 Monday Lecture, Dr. Hua Zhen will take Task 2 from last 2 years' coursework as examples for the case study material.

- We hope everyone will actively participate in the discussion. You are also welcome to ask questions at that time.