

Rating/Ranking of Cities and Sports

Liveable cities attract more people! Strong teams win the games.

Let's make your city/sports rating and ranking system based on population change or sports stats.

Time: First class is on Oct.4

Place: Building of civil engineering and architecture, 2nd floor, Room 203.

Teacher: Junya Fukumoto (Graduate School of Information Sciences, Assoc. Prof.)

Contents:

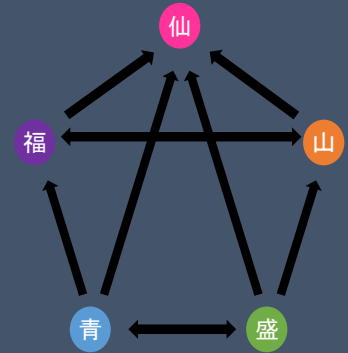
1. Learn some sports-rating and -ranking methods.
2. Consider your original rating and ranking system of cities/sports.
3. Calculate ratings of cities/sports using regional statistics or sports stats.

Note:

- Required to take “Linear algebra A” and “Information Basics A” at the first semester.
- Do simple programming, but no prerequisite programming skills are required.
- At first, the teacher gives a lecture. Then repeat the process of presentation by students and feedback from the teacher.

Appealing points:

- Can learn how linear algebra is used in various ranking systems such as Google search engine.
- Can learn techniques applicable to your interests, such as ranking of football clubs, movies etc.



Rank	City	Rating
1	Sendai	100
2	Aomori	90
3	Morioka	85