





About the Course Announcements

Ask a Question

Progress

Mentor

Unit 4 - Week 2

How does an NPTEL online

Lecture 14 - Introduction to

Lecture 15 - Ingredients

Lecture 16 - Synonymy

Lecture 17 - Web Graph

Lecture 19 - Datasets: Different Formats

Lecture 21 - Datasets:

Lecture 22 - Datasets: Analysing Using Gephi

Lecture 23 - Introduction :

 Lecture 24 - Advanced Material: Emergence of

 Lecture 25 -Programming Illustration: Emergence of

O Lecture 26 - Summary to

O Quiz: Assignment 2

Week 2 Feedback

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Assignment Solutions

Power Law

Accepted Answers:

Score: 0

Power Law

No, the answer is incorrect.

O Difficult to say; can follow any distribution

Download Videos

Lecture 18 - Social Network

O Lecture 20 - Datasets: How to

Course outline

course work?

Week 0

Week 1

Week 2

ourse outline	Assignment 2		
ow does an NPTEL online ourse work?		ue on 2020-02-12, 23:59	IST.
eek 0		rording the relation of auronumu	1 naint
eek 1	1) In the synonymy network of English language, we can traverse from the word 'LOVE' to 'HATE'. What can we say regover English words?	jarding the <i>relation</i> of synonymy	1 point
eek 2	It is Reflexive only.		
	Olt is equivalence.		
Lecture 14 - Introduction to Datasets	It is symmetric as well as reflexive. It is POSET.		
Lecture 15 - Ingredients Network	No, the answer is incorrect. Score: 0		
Lecture 16 - Synonymy Network	Accepted Answers: It is symmetric as well as reflexive.		
Lecture 17 - Web Graph	2) Which of the following is the most correct with respect to a social network graph? (Choose the best one):		1 point
Lecture 18 - Social Network Datasets	It is always a complete graph		
Lecture 19 - Datasets:	It is always a connected graph		
Different Formats	It is most probably a connected graph It is most probably a disconnected graph		
Lecture 20 - Datasets: How to Download?	No, the answer is incorrect. Score: 0		
Lecture 21 - Datasets: Analysing Using Networkx	Accepted Answers: It is most probably a connected graph		
Lecture 22 - Datasets: Analysing Using Gephi	3) What is the density of the given graph?		1 point
Lecture 23 - Introduction : Emergence of Connectedness			
Lecture 24 - Advanced Material : Emergence of Connectedness			
Lecture 25 -Programming Illustration : Emergence of Connectedness			
Lecture 26 - Summary to Datasets	0-0-0		
Quiz : Assignment 2	○ 13/36 ○ 13/45		
Week 2 Feedback	36/13		
eek 3	O 45/13		
eek 4	No, the answer is incorrect. Score: 0		
	Accepted Answers: 13/36		
eek 5	4) Chasse the one that is False out of the following:		d naint
eek 6	4) Choose the one that is False out of the following: ONLy standarfor Cook Madeline Learning:		1 point
eek 7	GML stands for Graph Modeling Language. GML stores the data in the form of tags just like XML.		
eek 8	GML and GraphML are different formats.		
eek 9	Both GML and GraphML can store details of attributes of nodes and edges.		
eek 9	No, the answer is incorrect. Score: 0		
eek 10	Accepted Answers: GML stores the data in the form of tags just like XML.		
eek 11	5) Which of the following formats was created as a part of Gephi project?		1 point
eek 12	GML		
signment Solutions	GEXF		
www.land.V6dana	○ GraphML		
ownload Videos	O Pajek		
	No, the answer is incorrect. Score: 0		
	Accepted Answers: GEXF		
	6) Gephi is used for? (Choose the best option):		1 point
	The analysis of networks		
	The visualization of networks		
	The analysis as well as visualization of networks		
	O For merging of network data sets.		
	No, the answer is incorrect.		

