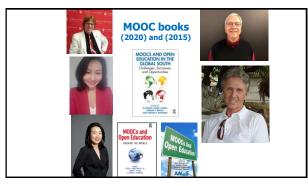
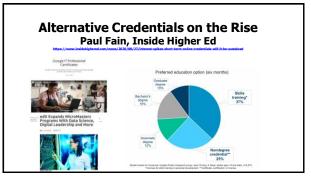
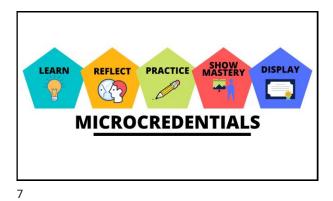


A Decade of MOOCs: A Review of MOOC Stats and Trends in 2021 Dhavai Shab, Class Central http://www.classcentral.com/report/moocs-staticsmd-teende-2021/				
L New Registered Users	2019	2020	2021	Total
coursera	8M	31M	21M	97M
edX	5M	10M	7M	42M
swayam	NA	6M	6M	22M
Future Learn	1.3M	4M	2M	17M
			<u>c</u>	class centra



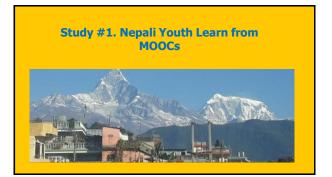


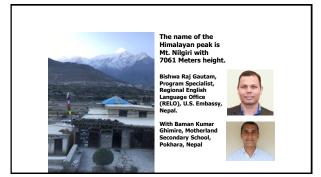




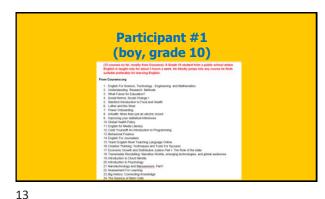


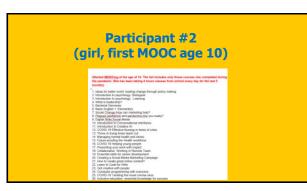


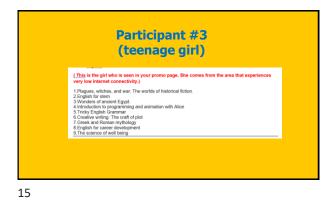






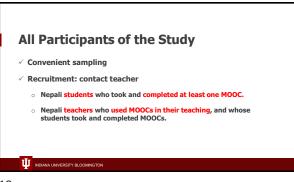


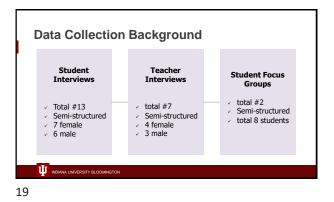


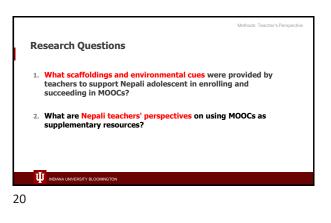












Participant	Job title	Years of using MOOCs	School Type	Number of Students Completed MOOCs	
Feacher #1	Science Teacher	4 years	Private	15-20	
Feacher #2	EFL Teacher	7 years	Private	more than 20	
feacher #3	EFL Teacher, Principal	3 years	Private	more than 20	
Feacher #4	EFL Teacher	1 year	Private	more than 20	
Feacher #5	EFL Teacher	1 month	Public school; ACCESS	2 completed	
Feacher #6	EFL Teacher	1 month	Public school; ACCESS	2 completes	
Feacher #7	EFL Teacher, Principal	8-9 years	Private	more than 20	

RQ 1

Identified Themes Sources of support | parental; teacher's fading support; external support

Teacher roles | facilitators, guides, cheerleaders

Substantial gains | teachers learning from MOOCs, benefits, positive outcomes

Strategies & student initiatives | student mentors, intrinsic sources, incentives

Strategies & student initiatives | student mentors, intrinsic sources, incentives

"Those students who just completed MOOC, they are really happy got excited here they are leading the group and they are sharing their experience."(T#4, line 588-591)

"They have shown interest in coding, and they have started now they're running coding Club in school. And they mentor the junior those who did coding courses and now mentoring the juniors they're supporting the juniors."(T#1, line 259-263)

"...they were quite interested, they showed their motivation in doing the courses, so we didn't have to push them. You know, they were like motivated internally..."(T#4, line 283-286)

Challenges & suggestions | engaging with courses, resources, design

22

RQ 1

24

Sources of support | parental; teacher's fading support; external support

"They did on their own pace but initially we guided them, initially we guided them and every week what we follow up them initially but later on they did by themselves." (T#1, line-134-136)

"...the school has been promoting these kinds of activities, please, to let your children be with the computer. If they ask for, and it was really very difficult to convince the parents as well." (T#3, line 390-396)

U INDIANA UNIVERSITY BLOOMINGTON

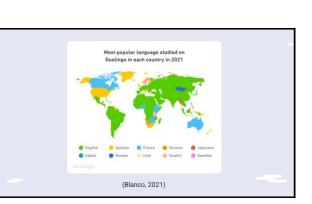
"My life changed....(MOOCs) opened my eyes for a whole new field of learning."

"I'm learning something not included in the regular (school)."

"Learning can never be stopped."







27



Study #2:

Self-directed language learning in Duolingo

28





Languages learned thre Duolingo

Japanese eths – 1 your

unch

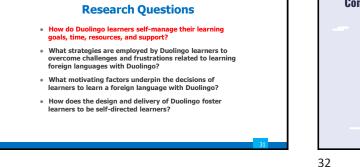
Chinese

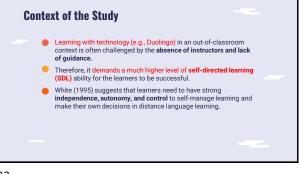
Ambie

e than 5 years English, Fr

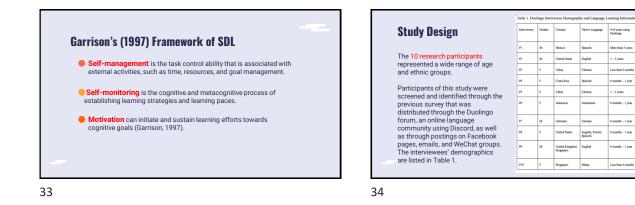
oeths – 1 year French, German, Seuniah

oeths – 1 year Chinese, Inderesian Spaniah







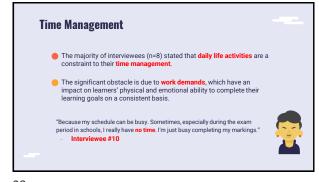






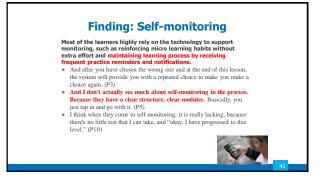
- Specific goals can lead to improved performance, and learners' learning goals can be self-initiated or technology-defined.
- Distractions from daily living may make time management difficult, both physically and psychologically.
- A single MALL tool like Duolingo is not enough to master a language in all dimensions; as a result, they seek and manage other resources to complement their learning.
- Both human and material resources can be used to complement Duolingo learning.



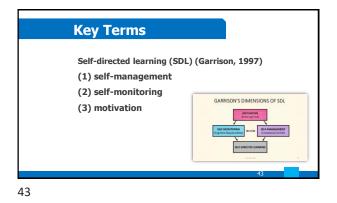


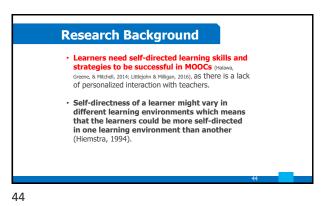














• The purpose is to inform instructors or instructional designers and MOOC providers of the current practices of designing MOOCs to facilitate learners' SDL.



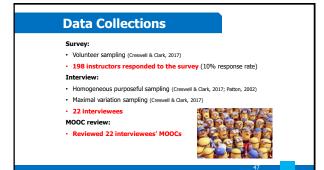
 Research Design

 Explanatory sequential mixed methods design

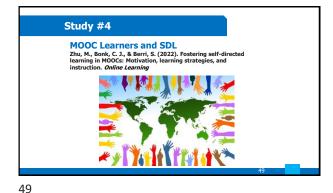
 Creswell & Clark, 2017

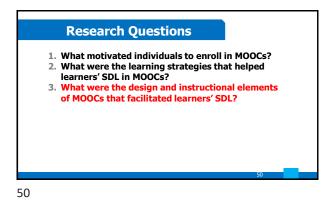
 Methods

 Methods

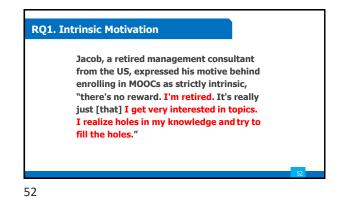


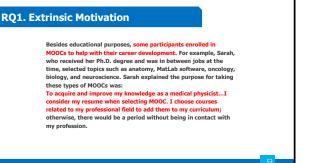
Pseudonym	Country	Subject area	Platform	Gender	No. of O/B	No. of M	Mode of the M
Lucas	US	Social science	edX	м	0	1	I without T
Brandan	US	Education	Udacity	м	0	5 or more	Self-paced
Logan	US	Literacy and Language	Coursera	м	5 or more	5 or more	I with T
Emma	US	Literacy and Language	Coursera	F	2	1	Self-paced
Jason	US	Science	edX	м	1	1	I with T
Jackson	US	Medicine and health	Coursera	м	5 or more	1	Self-paced
Semuel	US	Education	FutureLearn	м	4	3	Self-paced
Hannah	US	Education	Blackboard	F	5 or more	1	I with T
Ashley	US	Education	EdX	F	0	5 or more	I with T
Andrew	ик	An	FutureLearn	м	0	3	I with T
Emily	ик	Medicine and health	FutureLearn	F	2	2	I with T
Aiden	ик	Social science	FutureLearn	м	0	1	Self-paced
Henry	ик	Social science	FutureLearn	м	0	1	Self-paced
Joseph	ик	Medicine and health	FutureLearn	м	1	1	Self-paced
Joshua	ик	Literacy and language	FutureLearn	м	2	2	I with T
Mason	Australia	Education	Coursera	м	5 or more	1	I with T
Ethan	Australia	Business	Coursera	м	3	1	I without T
Ben	Australia	Social science	edX	м	1	1	I with T
Paul	France	Computer Science	Coursera	м	1	1	I with T
Fernando	Belgium	Research methods	Blackboard	м	5 or more	3	I with T
doosL	Netherland	Science	Coursera	м	0	1	I with T
Dylan	Israel	Science	Coursera	м	5 or more	3	I without 7

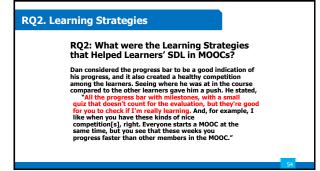




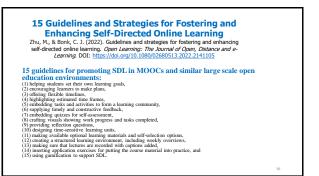
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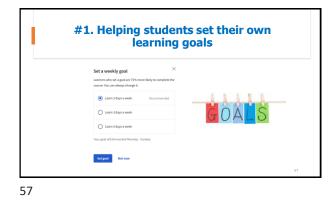


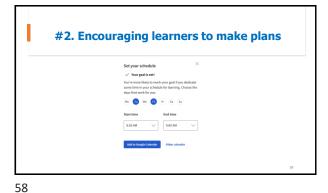




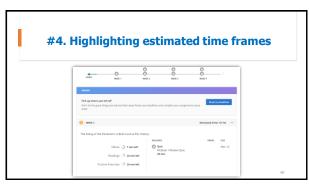














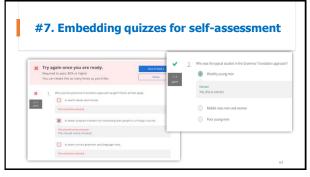
#6. Supplying timely and constructive feedback

<u>Quiz</u>

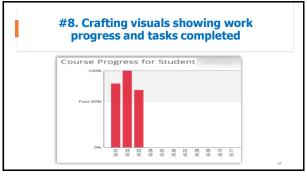
I had to delete the code for graph before I could get values for posterior_Mean and posterior_sd. Can't I get all values, and graph simultaneously. I first saw th...

Staff reply

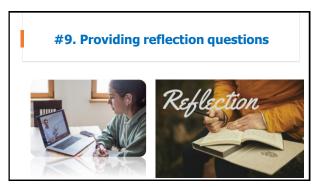
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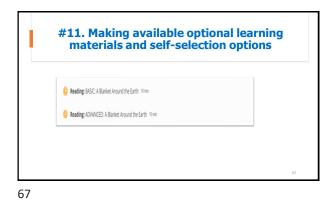
63



64







CII	vironment, including weekly overview
ſ	✓ WEEK 1 - OVERVIEW & CONSIDERATIONS FOR STATISTICAL MODELING
-	🕑 2 min of videos left 🛛 🗐 47 min of readings left 🖉 1 graded assignment left
	We begin this third course of the Statistics with Python specialization with an overview of what is meant by "fitting statistical models to data." In this first week, we will introduce key model fitting concepts, including the distinction between dependent and independent variables, how to account for study designs when fitting models, assessing the quality of model fit, exploring how different types of variables are handled in statistical modeling, and clearly defining the objectives of fitting model.

