

# **UBUMonitor**

Monitorización de alumnos

en la plataforma Moodle.

TRABAJO DE FIN DE GRADO Junio 2019

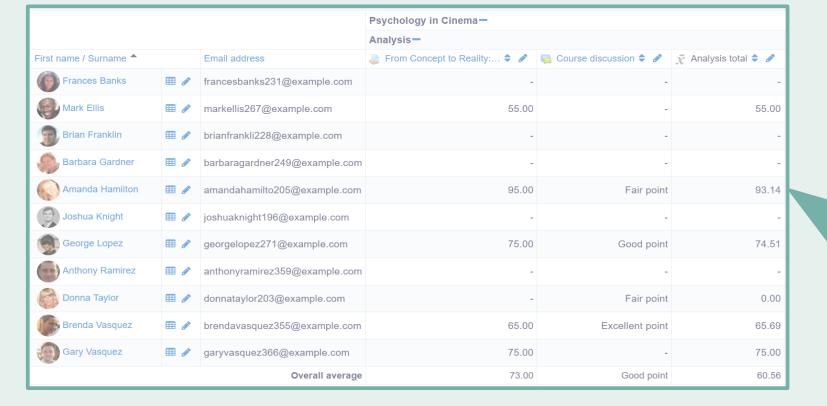
Autor: Yi Peng Ji

**Tutores:** Raúl Marticorena Sánchez Carlos Pardo Aguilar



GRADO EN INGENIERÍA INFORMÁTICA

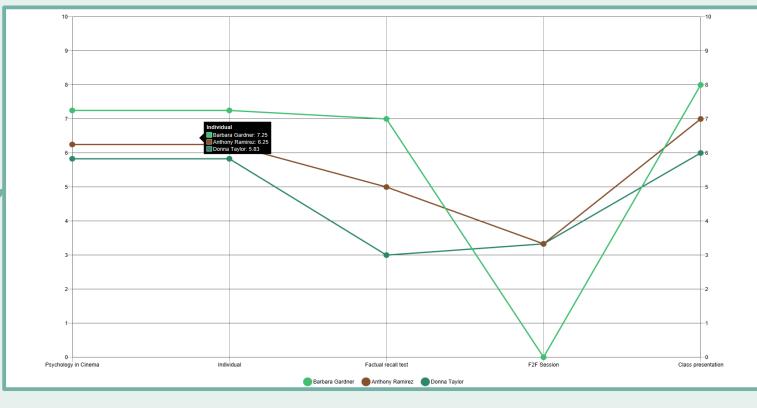
## Calificaciones en Moodle



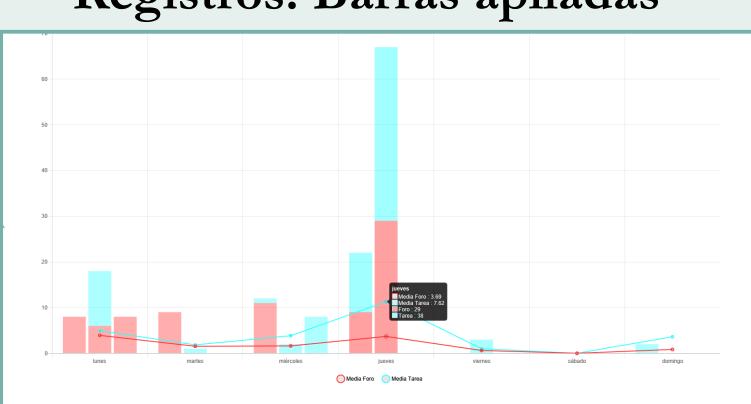
## Registros en Moodle

Time	User full name	Affected user	Event context	Component	Event name	Description	Origin	IP address		
24 June 2019, 9:31 AM	Jeffrey Sanders	-	Assignment: Dissertation: Fight club	Assignment	Course module viewed	The user with id '13' viewed the 'assign' activity with course module id '716'.	web	2a00:23c7:458a:700:2419:36cb:1b:3863		
24 June 2019, 9:31 AM	Jeffrey Sanders	-	Course: Psychology in Cinema	System	Course vie	odp Project is		2a00:23c7:458a:700:2419:36cb:1b:3863		
24 June 2019, 9:31 AM	Jeffrey Sanders	-	Assignment: Group Project	System	The use	er with id '13' has v	iowo	458a:700:2419:36cb:1b:3863		
24 June 2019, 9:31 AM	Jeffrey Sanders	-	Course: Psychology In Cinema	Syste	submission status page for the					
24 June 2019, 9:31 AM	Jeffrey Sanders		Assignment: Group Project	Assign	assignr '715'.	nent with course m	odul	e Id 700:2419:36cb:1b:3863		
24 June 2019, 9:31 AM	Jeffrey Sanders	-	Assignment: Group Project	Assignment	Co- viewed US	er with id '13' viewe	d th	ru:23c7:458a:700:2419:36cb:1b:3863		
24 June 2019, 9:30 AM	Jeffrey Sanders	-	Course: Psychology in Cinema	System	Course viewed	The user with id '13' viewed the course with id '62'.	web	2a00:23c7:458a:700:2419:36cb:1b:3863		
24 June 2019, 9:30 AM	Jeffrey Sanders	-	Quiz: Grammar help with your essays	System	Course module updated	The user with id '13' updated the 'quiz' activity with course module id '757'.	web	2a00:23c7:458a:700:2419:36cb:1b:3863		

Calificaciones: Líneas



Registros: Barras apiladas



Calificaciones: Radar



Calificaciones: Tabla

Nombre	Analysis	Individual	Factual recall test	F2F Session
Frances Banks	NaN	89.0/120.0	6.0/10.0	66.67/100.0
Mark Ellis	55.0/100.0	77.0/120.0	7.0/10.0	66.67/100.0
Brian Franklin	NaN	103.0/120.0	8.0/10.0	100.0/100.0
Barbara Gardner	NaN	87.0/120.0	7.0/10.0	NaN
Amanda Hamilton	93.14/100.0	100.0/120.0	7.0/10.0	100.0/100.0
Joshua Knight	NaN	77.0/120.0	7.0/10.0	33.33/100.0
George Lopez	74.51/100.0	80.0/120.0	5.0/10.0	33.33/100.0
Anthony Ramirez	NaN	75.0/120.0	5.0/10.0	33.33/100.0
Donna Taylor	0.0/100.0	70.0/120.0	3.0/10.0	33.33/100.0
Brenda Vasquez	65.69/100.0	75.0/120.0	10.0/10.0	66.67/100.0
Gary Vasquez	75.0/100.0	77.0/120.0	7.0/10.0	66.67/100.0
Media	6.06/10	6.89/10	6.55/10	6.00/10
Media Grupo Group FC	8.38/10	7.17/10	6.50/10	5.56/10
Media Grupo Group BM	5.50/10	7.47/10	7.00/10	7.78/10
Media Grupo Group S	4.69/10	6.19/10	6.25/10	5.00/10







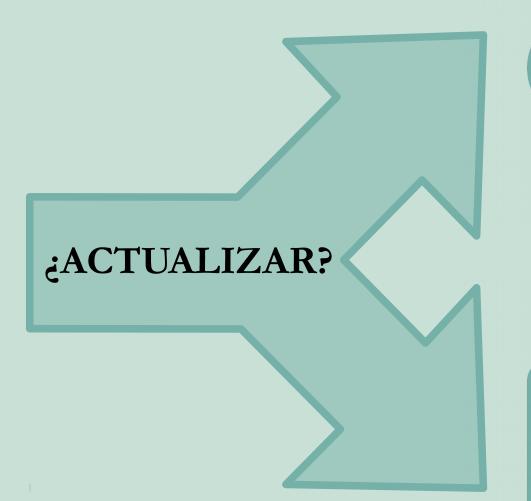
**UBUV**irtual

**ELEGIR** 

**CURSO** 

matriculados







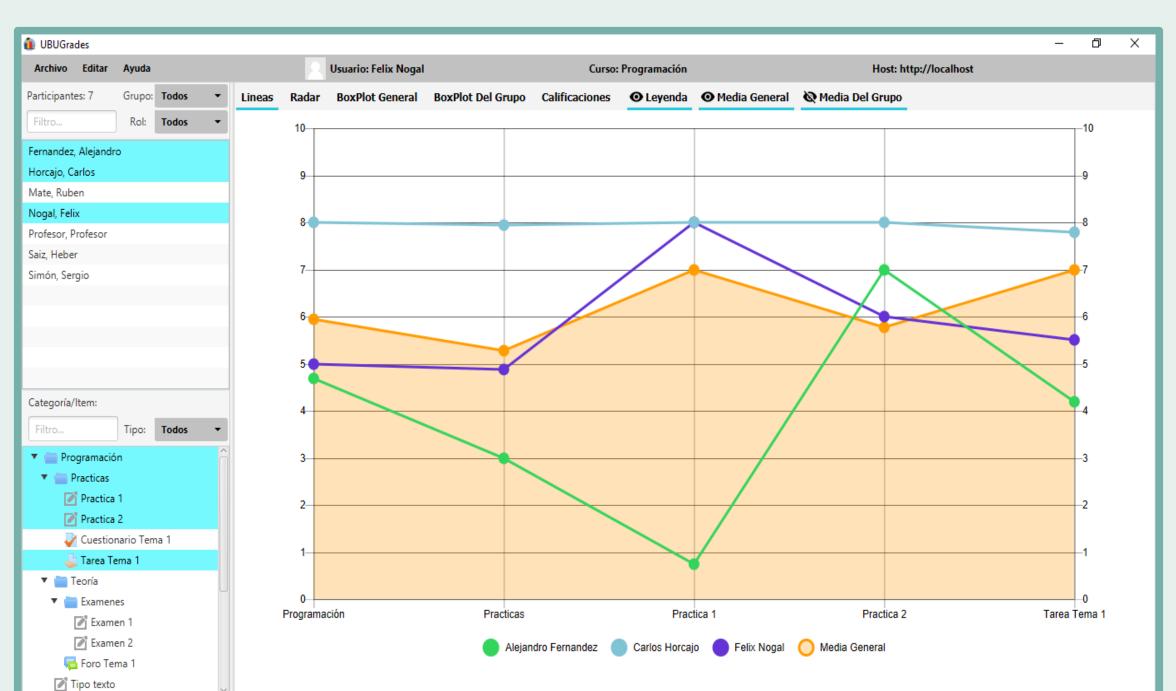
Registros del curso **GUARDAR DATOS** 

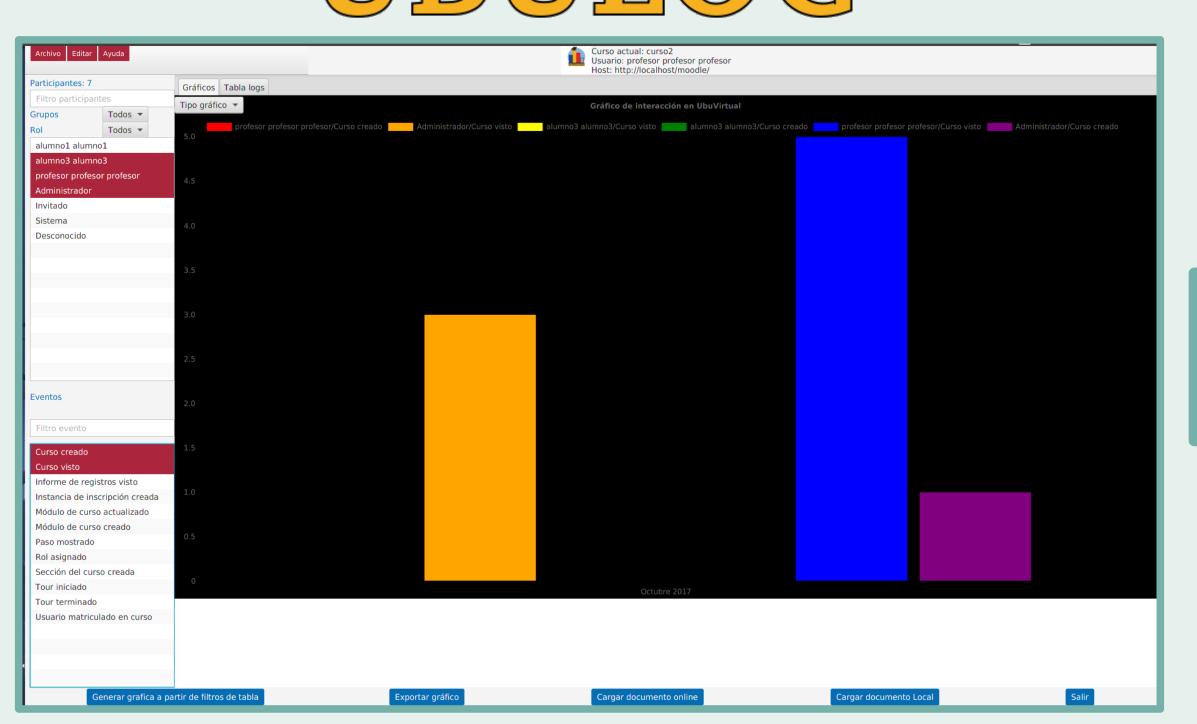


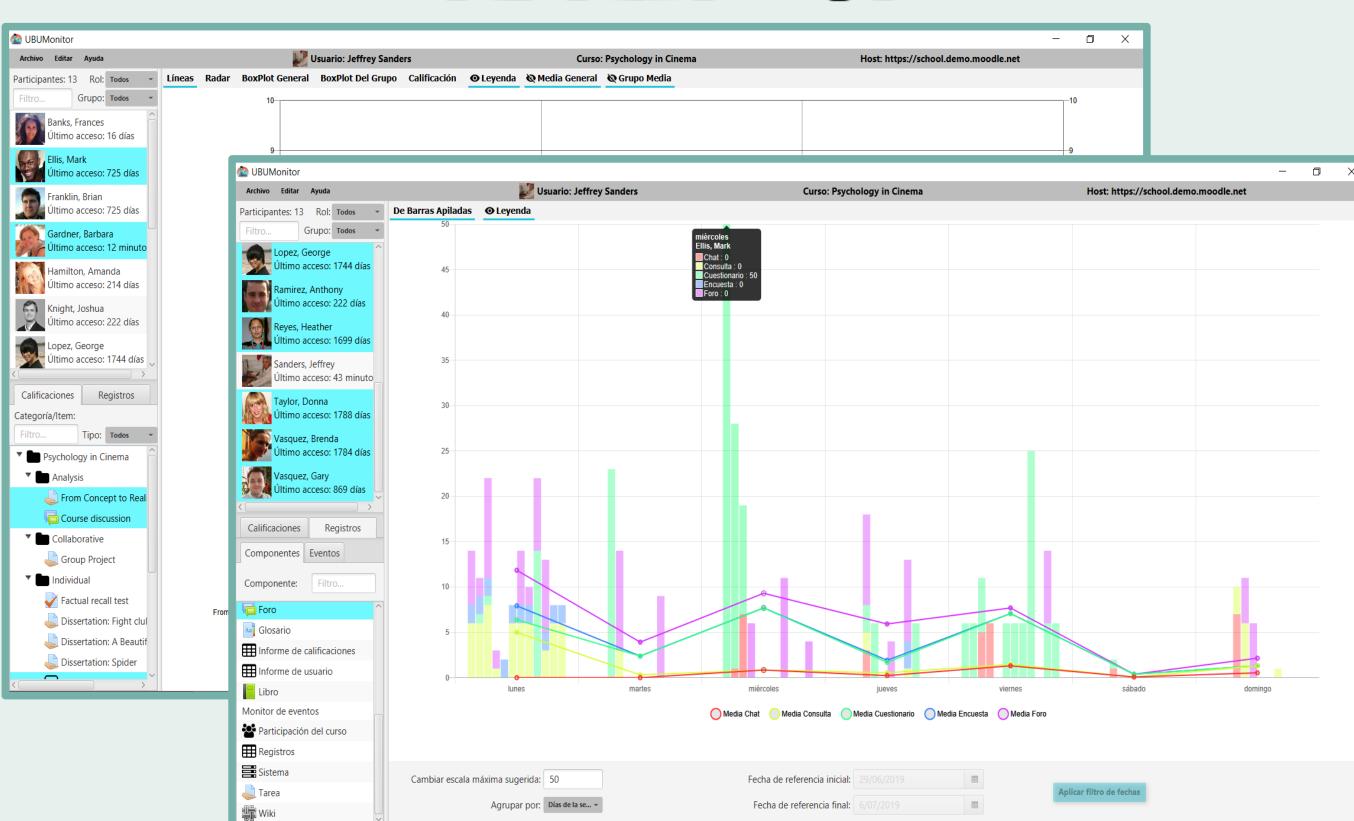
Cargar/guardar los datos cifrados en ficheros locales

Datos de los

usuarios del curso









Múltiples opciones de filtrado



Refactorización de código



Disponible en inglés, francés, español, portugués, alemán, italiano y catalán.



Patrones de diseño



Guardar gráficas en archivos Jupyter



Herramientas de extracción de registros del curso















