



# ALLUXI ACADEMY

Host your course

# OUR STORY

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We're a company with 6 years of experience creating engaging software applications for clients around the world. Recently we've partnered with local talented teachers to build **Alluxi Academy** a technology bootcamp which aims to close the gap between quality technical knowledge and Mexico & LATAM professionals. Our mission is to provide a new channel for students to learn high demanded technical skills — in order to improve their personal careers and support their organizations.



# OUR METHOD

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## How does it work?

Teaching Data Science requires a very hands-on experience. We believe the best way to learn is by doing. That's why we've designed a process in order to max-out the students retention during on-site classes, while reinforcing knowledge with practical activities using Jupyter notebook exercises.

Additionally we provide a practice session during weekends so students can practice activities with a teacher and reinforce concepts thought during weekdays.



## Data Science Fundamentals

This course is oriented to professionals with basic computer science experience who expect to become proficient on analyzing large volumes of data in order to obtain valuable insights.

# Course Content

## Module 1

Introduction and  
basic python  
concepts

## Module 2

Lists, dictionaries  
and Pandas  
introduction

## Module 3

Conditionals, cicles  
and functions

## Module 4

Pandas (practical  
module)

## Module 5

Visualization and  
Graphs

## Module 6

Arrays, Matrix, Files  
and Databases

*\*Covering this module  
will depend on the  
group's progress.*



# Schedule Proposal #1

2 sessions during weekdays and practical  
activities on the weekends



**Mon-Wed**  
5 weeks  
7-9pm

*Data Science  
Fundamentals*

by Juana Martínez

**15 students**






**Tue-Thu**  
5 weeks  
7-9pm

*Data Science  
Fundamentals*

by Jaime Figueroa

**15 students**



**Sat**  
5 weeks  
10-12pm

*Data Science  
Activities*

by Jaime Figueroa

Hours per course  
**20h session**  
**10h activities**

Proposed start & end date  
**10/21/19 - 11/23/19**



Course available in english



Support teacher available for this course

# Schedule Proposal #2

2 sessions during weekdays



**Mon-Wed**  
5 weeks  
7-9pm

*Data Science  
Fundamentals*

by Juana Martínez

**15 students**



**Sat**  
5 weeks  
9-1pm

*Data Science  
Fundamentals*

by Jaime Figueroa

**15 students**

Hours per course

**20h session**

**no activities**

Proposed start & end date

**10/21/19 - 11/23/19**



Course available in english



Support teacher available for this course

# Students pre-requisites

## 1 Experience

It is advised (but not mandatory) that students have experience with computer science basic concepts.

## 2 Commitment

Every student is in charge of he's learning pace - there will be no attendance check.

## 3 Personal Computer

Every student should bring he's own equipment. A personal computer that runs Python 3.7 and internet connection is all they need.

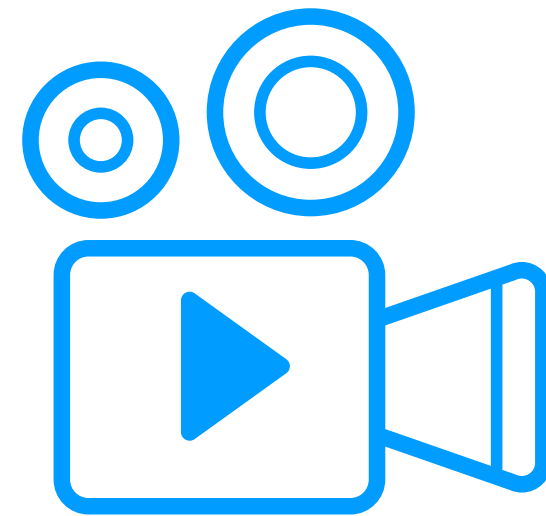


SPECIAL CONSIDERATIONS

# RECORDING

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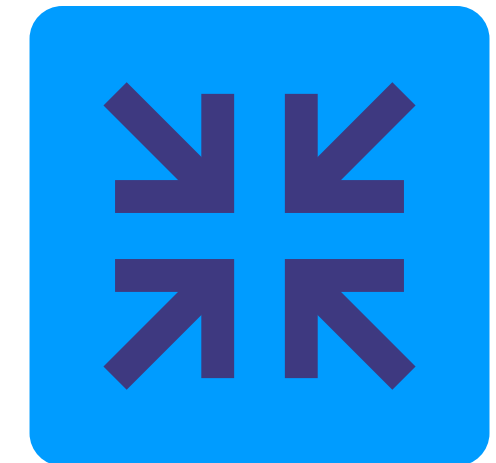
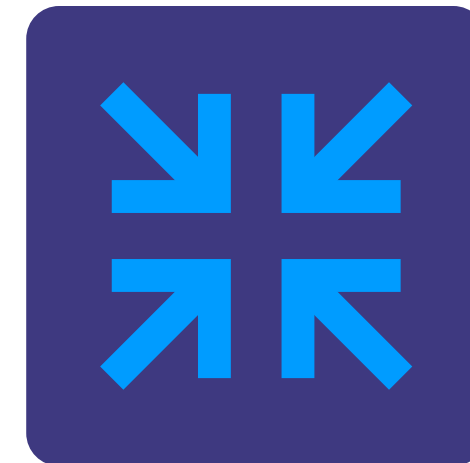
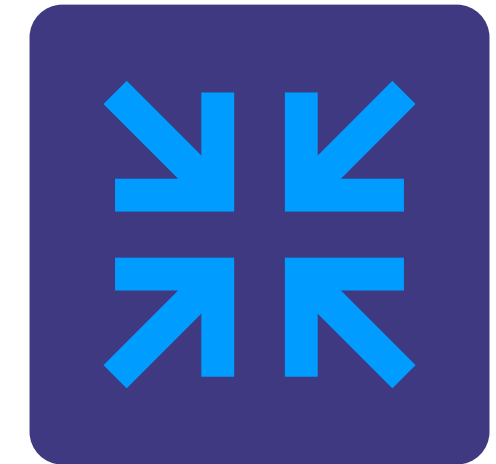
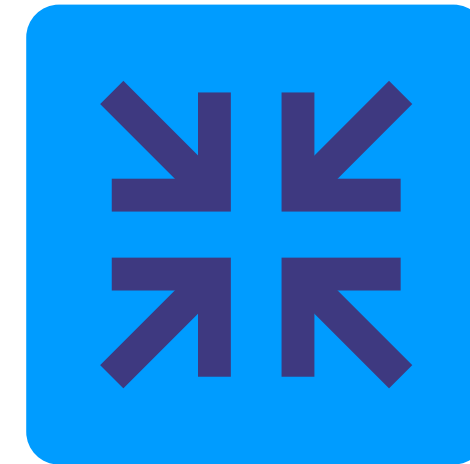
Recording classes is allowed as well as its distribution along any channels as long as Alluxi is properly credited and clearly referenced.



SPECIAL CONSIDERATIONS

# GROUP SIZE

We advise a maximum of 15th students per group in order to maximize retention.





# AWARDS

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## ¡You did it!...¿Now what?

At the end of each course Alluxi Academy will issue students diplomas. This diploma certifies the teacher acknowledges each student successfully completed the course.

If you feel ready for the next challenge give us a ring to know about our upcoming advanced courses.





# CONTACT US

## PHONE

(811) 500 1600

## EMAIL

[aprende@alluxi.mx](mailto:aprende@alluxi.mx)

## ADDRESS

Av. Eugenio Garza Sada Sur 1892, Sin  
Nombre de Col 42, 64740 Monterrey, N.L.

