**OBJETIVO**

De interés para Adalab:

1. Demostrar la importancia del análisis de datos y por lo tanto de ofrecer formacion
2. Demostrar que una empresa con Adalab necesita también un equipo de data

IDEA: ¿Es interesante para Adalab introducir un bootcamp de Machine Learning?

**PREGUNTAS RELEVANTES**

**Relevantes para el objetivo 1:**

**Q1.** **q\_1\_age**

What is your age (# years)?

**Q2. q\_2\_gender**

What is your gender?

● Man

● Woman

● Nonbinary

● Prefer not to say

● Prefer to self-describe

**Q5. q\_5\_role**

Select the title most similar to your current role (or most recent title if retired):

● Business Analyst

● Data Analyst

● Data Engineer

● Data Scientist

● DBA/Database Engineer

● Machine Learning Engineer

● Product Manager

● Program/Project Manager

● Research Scientist

● Software Engineer

● Statistician

● Student

● Currently not employed

● Other

**Q7. q\_7\_coding\_languages\_used**

What programming languages do you use on a regular basis? (Select all that apply) **???**

● Python

● R

● SQL

● C

● C++

● Java

● Javascript

● Julia

● Swift

● Bash

● MATLAB

● None

● Other

**Q8. q\_8\_coding\_languages\_recommended**

What programming language would you recommend an aspiring data scientist to learn first?

● » Python

● » R

● » SQL

● » C

● » C++

● » Java

● » Javascript

● » Julia

● » Swift

● » Bash

● » MATLAB

● » None

● » Other

**Q15 q\_15\_years\_using\_ml**

For how many years have you used machine learning methods?

● I do not use machine learning methods

● Under 1 year

● 1-2 years

● 2-3 years

● 3-4 years

● 4-5 years

● 5-10 years

● 10-20 years

● 20 or more years

**Q25 q\_25\_yearly\_compensation**

What is your current yearly compensation (approximate $USD)?

[List of Values]

**Relevantes para el Objetivo 2:**

**Q20 q\_20\_industry**

In what industry is your current employer/contract (or your most recent employer if retired)?

● Academics/Education Accounting/Finance

● Broadcasting/Communications

● Computers/Technology

● Energy/Mining

● Government/Public Service

● Hospitality/Entertainment/Sports

● Insurance/Risk Assessment

● Online Business/Internet-based Sales

● Online Service/Internet-based Services

● Marketing/CRM

● Manufacturing/Fabrication

● Medical/Pharmaceutical

● Military/Security/Defense

● Non-profit/Service

● Retail/Sales

● Shipping/Transportation

● Other

**Q21 q\_21\_company\_size**

What is the size of the company where you are employed?

● 0-49 employees

● 50-249 employees

● 250-999 employees

● 1000-9,999 employees

● 10,000 or more employee

**Q22 q\_22\_ds\_team\_size**

Approximately how many individuals are responsible for data science workloads at your place of

business?

● 0

● 1-2

● 3-4

● 5-9

● 10-14

● 15-19

● 20+

**Q23 q\_23\_current\_use\_of\_ml**

Does your current employer incorporate machine learning methods into their business?

● We are exploring ML methods (and may one day put a model into production)

● We use ML methods for generating insights (but do not put working models into production)

● We recently started using ML methods (i.e., models in production for less than 2 years)

● We have well established ML methods (i.e., models in production for more than 2 years)

● No (we do not use ML methods)

● I do not know

**Q24 q\_24\_main\_activities\_work**

Select any activities that make up an important part of your role at work: (Select all that apply)

● Analyze and understand data to influence product or business decisions

● Build and/or run the data infrastructure that my business uses for storing, analyzing, and

operationalizing data

● Build prototypes to explore applying machine learning to new areas

● Build and/or run a machine learning service that operationally improves my product or

workflows

● Experimentation and iteration to improve existing ML models

● Do research that advances the state of the art of machine learning

● None of these activities are an important part of my role at work

● Other

**Q26 q\_26\_ml\_invested\_money**

Approximately how much money have you (or your team) spent on machine learning and/or cloud

computing services at home (or at work) in the past 5 years (approximate $USD)?

● $0 ($USD)

● $1-$99

● $100-$999

● $1000-$9,999

● $10,000-$99,999

● $100,000 or more ($USD)

**Q41 q\_41\_primary\_da\_tool**

What is the primary tool that you use at work or school to analyze data? (Include text response)

● Basic statistical software (Microsoft Excel, Google Sheets, etc.)

● Advanced statistical software (SPSS, SAS, etc.)

● Business intelligence software (Salesforce, Tableau, Spotfire, etc.)

● Local development environments (RStudio, JupyterLab, etc.)

● Cloud-based data software & APIs (AWS, GCP, Azure, etc.)

● Other

**Q32-A q32\_a\_big\_data\_products**

Which of the following big data products (relational databases, data warehouses, data lakes, or similar) do you use on a regular basis? (Select all that apply)

● MySQL

● PostgreSQL

● SQLite

● Oracle Database

● MongoDB

● Snowflake

● IBM Db2

● Microsoft SQL Server

● Microsoft Azure SQL Database

● Microsoft Azure Cosmos DB

● Amazon Redshift

● Amazon Aurora

● Amazon RDS

● Amazon DynamoDB

● Google Cloud BigQuery

● Google Cloud SQL

● Google Cloud Firestore

● Google Cloud BigTable

● Google Cloud Spanner

● None

● Other

**Q40. q\_40\_training\_platforms\_competitors**

On which platforms have you begun or completed data science courses? (Select all that apply)

● Coursera

● edX

● Kaggle Learn Courses

● DataCamp

● Fast.ai

● Udacity

● Udemy

● LinkedIn Learning

● Cloud-certification programs (direct from AWS, Azure, GCP, or similar)

● University Courses (resulting in a university degree)

● None

● Other

**Q37-B q\_37\_b\_ml\_tools\_in\_2\_years**

Which specific automated machine learning tools (or partial AutoML tools) do you hope to become

more familiar with in the next 2 years? (Select all that apply)

● Google Cloud AutoML

● H20 Driverless AI

● Databricks AutoML

● DataRobot AutoML

● Amazon Sagemaker Autopilot

● Azure Automated Machine Learning

● No / None

● Other

**Q31-B q\_31\_b\_ml\_products\_in\_2\_years**

In the next 2 years, do you hope to become more familiar with any of these managed machine learning products? (Select all that apply)

● Amazon SageMaker

● Azure Machine Learning Studio

● Google Cloud Vertex AI

● DataRobot

● Databricks

● Dataiku

● Alteryx

● Rapidminer

● No / None

● Other