

Apartado 3: Consultar competición en plataforma de IA Kaggle. (2 puntos)

Crea una cuenta en Kaggle y haz las siguientes tareas:

- o Accede a una competición activa.
- o Descarga el dataset usado para esa competición.
- o Sube al repositorio Github del primer apartado, un documento con pantallazos de cómo has realizado el proceso y del dataset descargado.

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Fecha: 5 Noviembre 2025

Nombre de la competición elegida:

House Prices - Advanced Regression Techniques

Breve descripción de esta competición:

La competición “House Prices: Advanced Regression Techniques” propone el reto de predecir el precio de venta de viviendas en Ames (Iowa) a partir de un gran conjunto de variables explicativas (≈ 79 features) que describen detalles de construcción, ubicación, calidad, tamaño, antigüedad y otros indicadores de cada vivienda. El objetivo es aplicar técnicas de machine learning de regresión (desde modelos lineales hasta árboles, boosting y ensamblados) para obtener predicciones lo más precisas posibles. El dataset representa un entorno realista de datos estructurados y ampliamente utilizado como práctica didáctica en el ámbito de la ciencia de datos.

Pasos realizados (capturas):

-Captura 1: página de inicio de Kaggle

The screenshot shows the main navigation bar with 'kaggle' and search fields for 'Search' and 'Sign In / Register'. On the left, a sidebar lists 'Create', 'Home', 'Competitions' (which is selected), 'Datasets', 'Models', 'Benchmarks', 'Game Arena', 'Code', 'Discussions', 'Learn', and 'More'. The main content area is titled 'Competitions' with a sub-section 'Getting Started'. It features a cartoon illustration of a person holding a large gold coin labeled '\$1'. Below the illustration are sections for 'All Competitions', 'Featured', 'Getting Started', 'Research', 'Community', and 'Playground'. A 'Filters' button is also present.

-Captura 2: inicio, aceptar política y términos

or web beacons.

Why we process it

We process this data for the purposes described in our Privacy Policy, including to:

- Deliver our services, like administering competitions you enter or hosting datasets you upload
- Improve security by protecting against fraud and abuse
- Send you messages related to Kaggle or the activities of third parties we work with
- Conduct analytics and measurement to understand how our services are used

Cancel **I Agree**

-Captura de la página de la competición elegida (House Prices)

kaggle

Search

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Home Competitions Datasets Models Benchmarks Game Arena Code Discussions Learn More

KAGGLE - GETTING STARTED PREDICTION COMPETITION - ONGOING

Join Competition ...

House Prices - Advanced Regression Techniques

Predict sales prices and practice feature engineering, RFs, and gradient boosting

Overview Data Code Models Discussion Leaderboard Rules

Overview

This competition runs indefinitely with a rolling leaderboard. Learn more

Competition Host
Kaggle

Prizes & Awards
Knowledge
Does not award Points or Medals

Participation

-Captura de la aceptación de las condiciones

Voluntarily and notwithstanding any contrary acknowledgement that no contractual, fiduciary, agency, employment or other similar relationship is created between you and Competition Sponsor or any of the Competition Entities by your acceptance of these Rules or your entry of your Submission.

18. GOVERNING LAW.

Unless otherwise provided in the Competition Specific Rules above, all claims arising out of or relating to these Rules will be governed by California law, excluding its conflict of laws rules, and will be litigated exclusively in the Federal or State courts of Santa Clara County, California, USA. The parties consent to personal jurisdiction in those courts. If any provision of these Rules is held to be invalid or unenforceable, all remaining provisions of the Rules will remain in full force and effect.

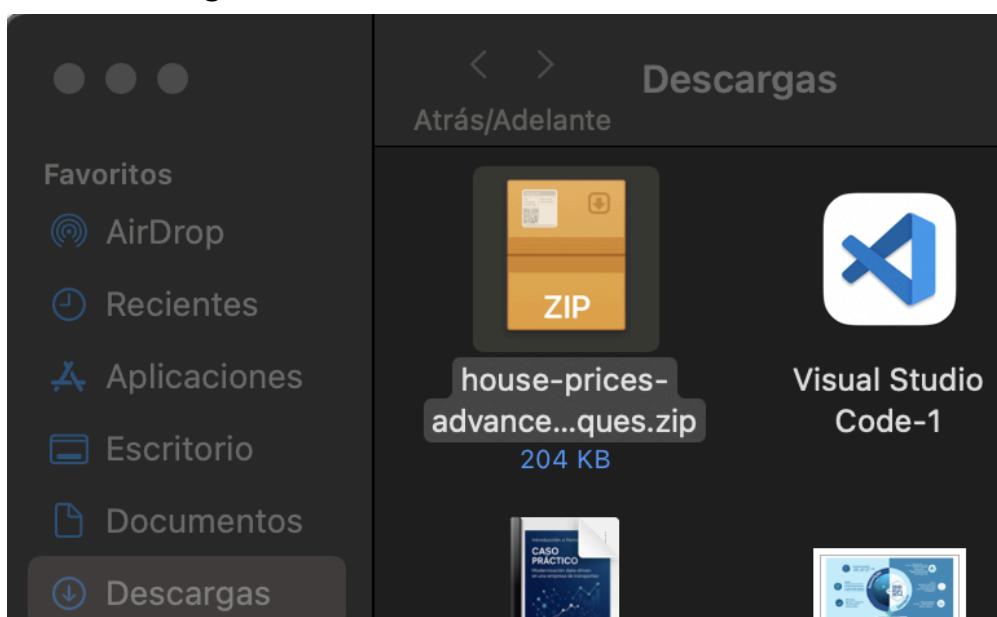
COMPETITION TERMS AND CONDITIONS

I agree to the Competition-specific rules above and Kaggle's Foundational Competition Rules. The Kaggle Competition Foundational Rules supersede the Competition-specific rules in the event of any conflict.

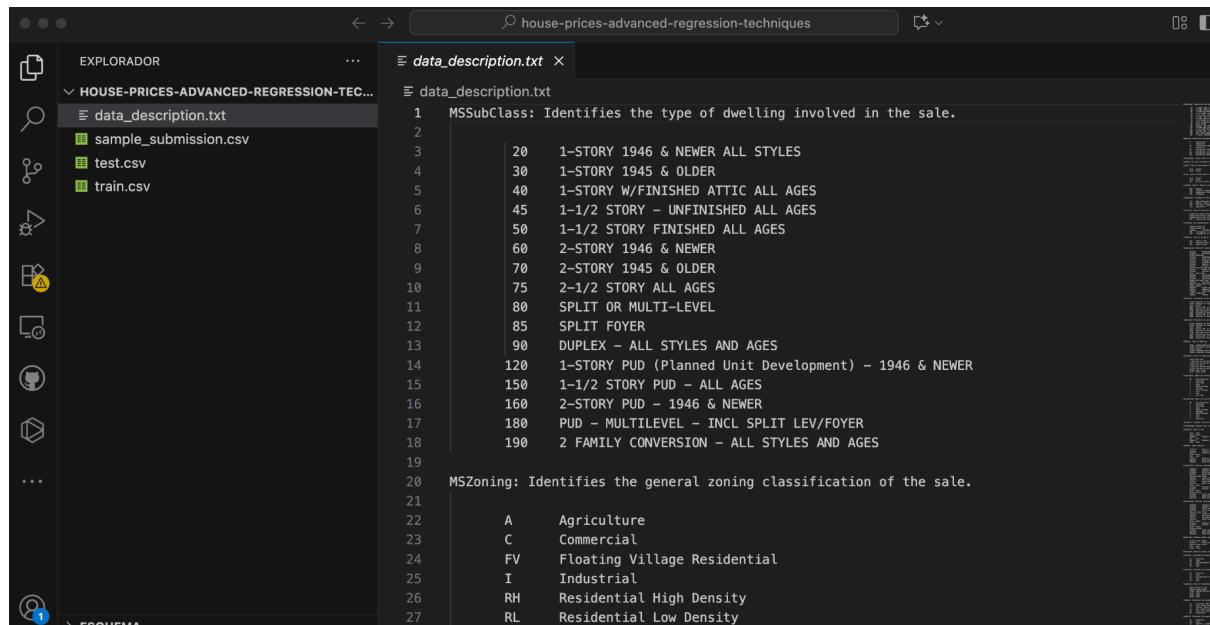
I understand joining this Competition creates a direct relationship between the Host and me. Kaggle has no liability for any promised prizes, commitments, content, or actions of a Host or Participant.

Decline **I Understand and Accept**

-Captura de la descarga del dataset



-Captura del archivo en local



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1  MSSubClass: Identifies the type of dwelling involved in the sale.
2
3      20    1-STORY 1946 & NEWER ALL STYLES
4      30    1-STORY 1945 & OLDER
5      40    1-STORY W/FINISHED ATTIC ALL AGES
6      45    1-1/2 STORY - UNFINISHED ALL AGES
7      50    1-1/2 STORY FINISHED ALL AGES
8      60    2-STORY 1946 & NEWER
9      70    2-STORY 1945 & OLDER
10     75    2-1/2 STORY ALL AGES
11     80    SPLIT OR MULTI-LEVEL
12     85    SPLIT FOYER
13     90    DUPLEX - ALL STYLES AND AGES
14    120    1-STORY PUD (Planned Unit Development) - 1946 & NEWER
15    150    1-1/2 STORY PUD - ALL AGES
16    160    2-STORY PUD - 1946 & NEWER
17    180    PUD - MULTILEVEL - INCL SPLIT LEV/FOYER
18    190    2 FAMILY CONVERSION - ALL STYLES AND AGES
19
20  MSZoning: Identifies the general zoning classification of the sale.
21
22      A      Agriculture
23      C      Commercial
24      FV     Floating Village Residential
25      I      Industrial
26      RH     Residential High Density
27      RL     Residential Low Density
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