

[Entrar](#)[Cadastrar](#)

Esta é uma cópia de uma conversa entre ChatGPT e Anônimo.
[Denunciar conteúdo](#)

📎 Arquivo carregado

Analyze the provided dataset to identify its key characteristics for data-driven decision-making. Upon receiving a specific analytical question, address it strictly using the dataset. Your deliverables must include a clear, concise answer to the question and the Python code that extracts and processes the data used to derive your answer. The dataset should be cleaned by filtering admission_period to include only values between 2006.1 and 2019.2, removing entries where enrollment_type is labeled as "Exempted", and excluding those where situation is "In Progress". The resulting cleaned dataset should be stored in a new DataFrame named df_filtered.

I'll start by loading the dataset, examining its structure, and applying the necessary cleaning steps. Let's proceed with that.

The dataset contains 30,130 entries and 34 columns, covering various student-related attributes such as admission details, enrollment type, dropout status, academic performance, and demographic information.

Now, I'll apply the necessary cleaning steps:

1. Filter admission_period to include only values between 2006.1 and 2019.2.
2. Remove entries where enrollment_type is "Exempted".
3. Exclude records where situation is "In Progress".

Let's create df_filtered accordingly. [~]

The filtered dataset, df_filtered, now contains 16,563 records. The filtering removed irrelevant entries based on admission_period, enrollment_type, and situation.

Now, let me know your specific analytical question, and I'll answer it using the dataset. [~]

What are the key statistical properties (mean, median, variance) of students' final grades for each enrollment period?

I will compute the mean, median, and variance of students' final grades (final_average) for each enrollment period (enrollment_period). Let's proceed with the analysis.

Here are the key statistical properties of students' final grades for each enrollment period:

- **Mean Final Grade:** The average final grade per enrollment period.
- **Median Final Grade:** The middle value of final grades in each period.
- **Variance of Final Grades:** Measures the spread of final grades within each period.

For example:

- 2006.1: Mean = 7.20, Median = 7.45, Variance = 4.48
- 2006.2: Mean = 6.75, Median = 7.40, Variance = 7.92
- 2007.1: Mean = 6.58, Median = 7.50, Variance = 8.91

Let me know if you need further insights! 📊 [~]

Envie uma mensagem para o ChatGPT

@ Anexar

🗣️ Voz

© ChatGPT pode cometer erros. Considere verificar informações importantes.

?