



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 and inspecting the dataset to understand its structure and contents. Then, I'll apply the necessary filtering criteria to create the `df_filtered` DataFrame. Let's begin.

The dataset consists of 30,130 entries and 34 columns, covering various student-related attributes such as admission details, enrollment types, academic performance, and demographics.

Now, I'll apply the specified filtering criteria:

1. Keep only rows where `admission_period` is between 2006.1 and 2019.2.
2. Exclude rows where `enrollment_type` is "Exempted".
3. Remove entries where `situation` is "In Progress".

Let's proceed with filtering. [↵]

The cleaned dataset, `df_filtered`, contains 16,563 entries while maintaining all 34 columns. It now includes only:

- `admission_period` between 2006.1 and 2019.2.
- `enrollment_type` values other than "Exempted".
- `situation` values other than "In Progress".

Now, let me know your specific analytical question, and I'll provide insights strictly based on this cleaned dataset. [↵]

For students who entered through affirmative action, what is the 70th percentile of the age of entry?

To determine the 70th percentile of admission age for students who entered through affirmative action, I'll filter `df_filtered` for students where `affirmative_action` is marked and then compute the 70th percentile of the `admission_age` column. Let's calculate it.

The 70th percentile of the admission age for students who entered through affirmative action is 21 years.

Here's the Python code used to derive this result:

```
python
# Filter for students who entered through affirmative action
df_affirmative = df_filtered[df_filtered["affirmative_action"] == "Yes"]

# Compute the 70th percentile of admission age
percentile_70_age = df_affirmative["admission_age"].quantile(0.70)
```

Let me know if you need any further analysis! [↵]

Envie uma mensagem para o ChatGPT

Anexar

Voz

O ChatGPT pode cometer erros. Considere verificar informações importantes.

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