

# Exploratory Data Analysis Report

## Numerical Feature Distributions

Figure: numerical dist age

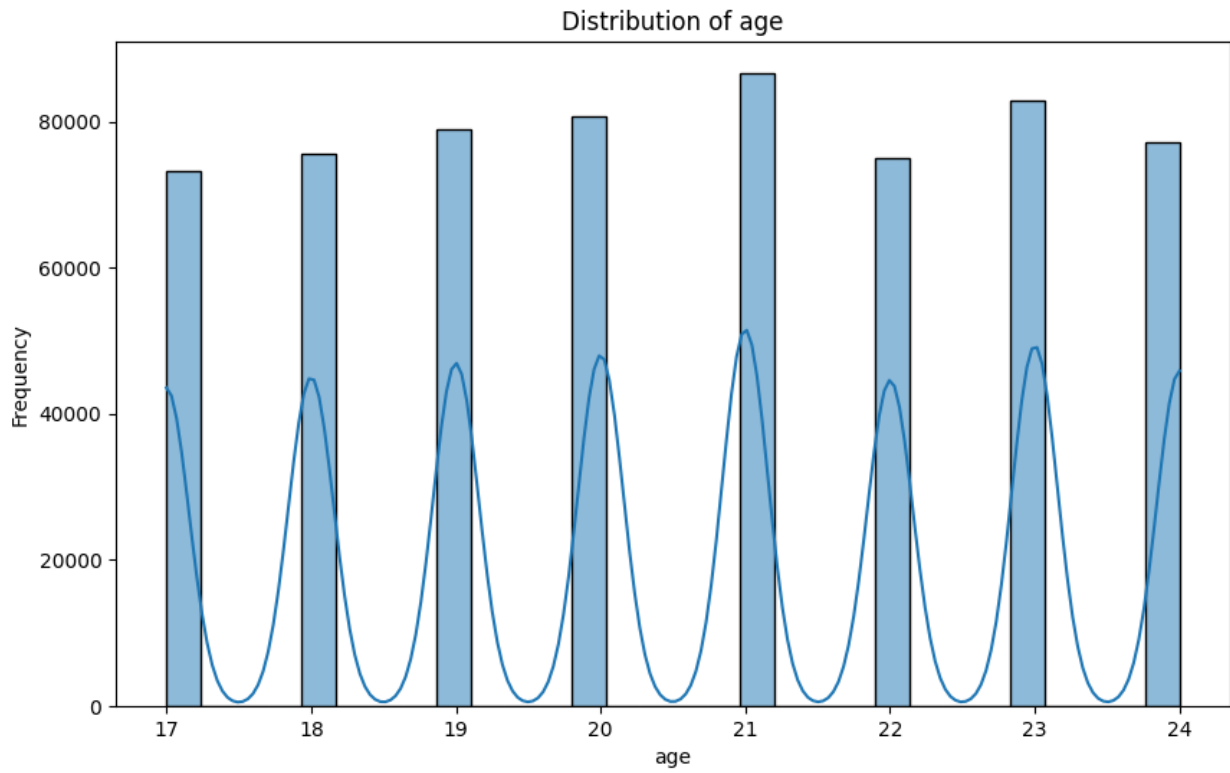


Figure: numerical dist study hours

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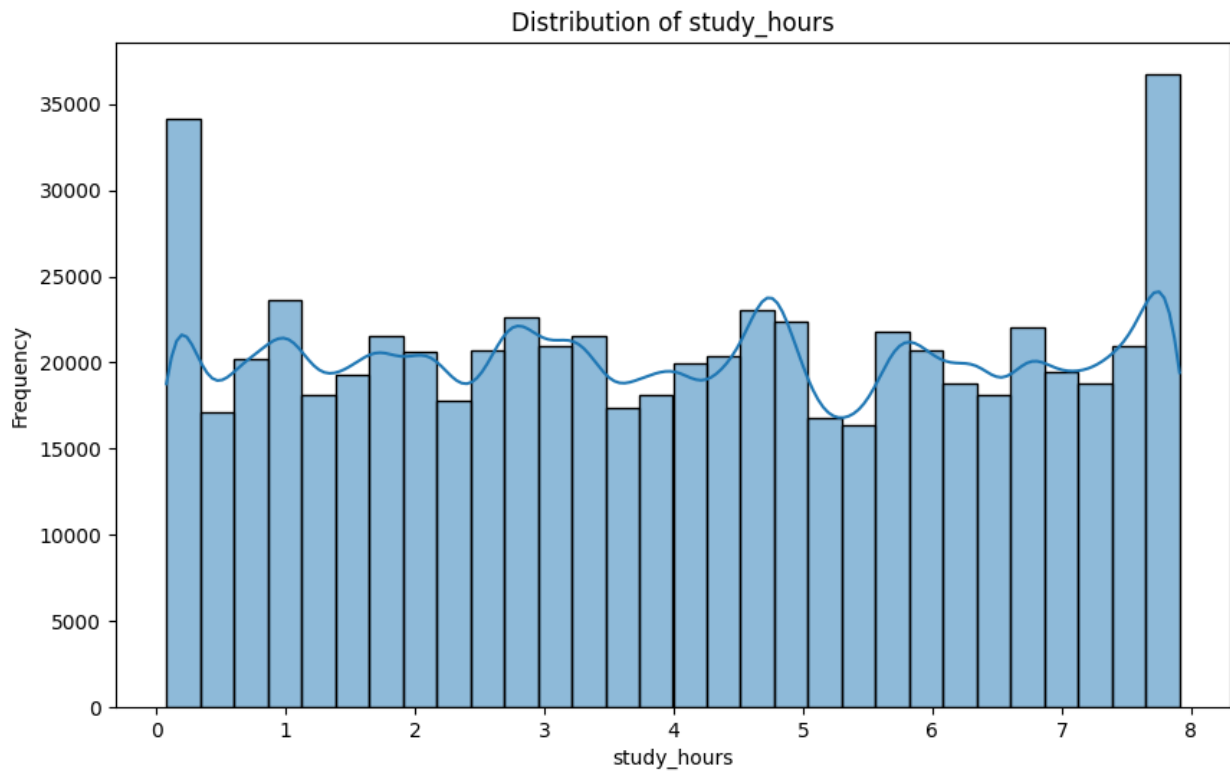


Figure: numerical dist class attendance

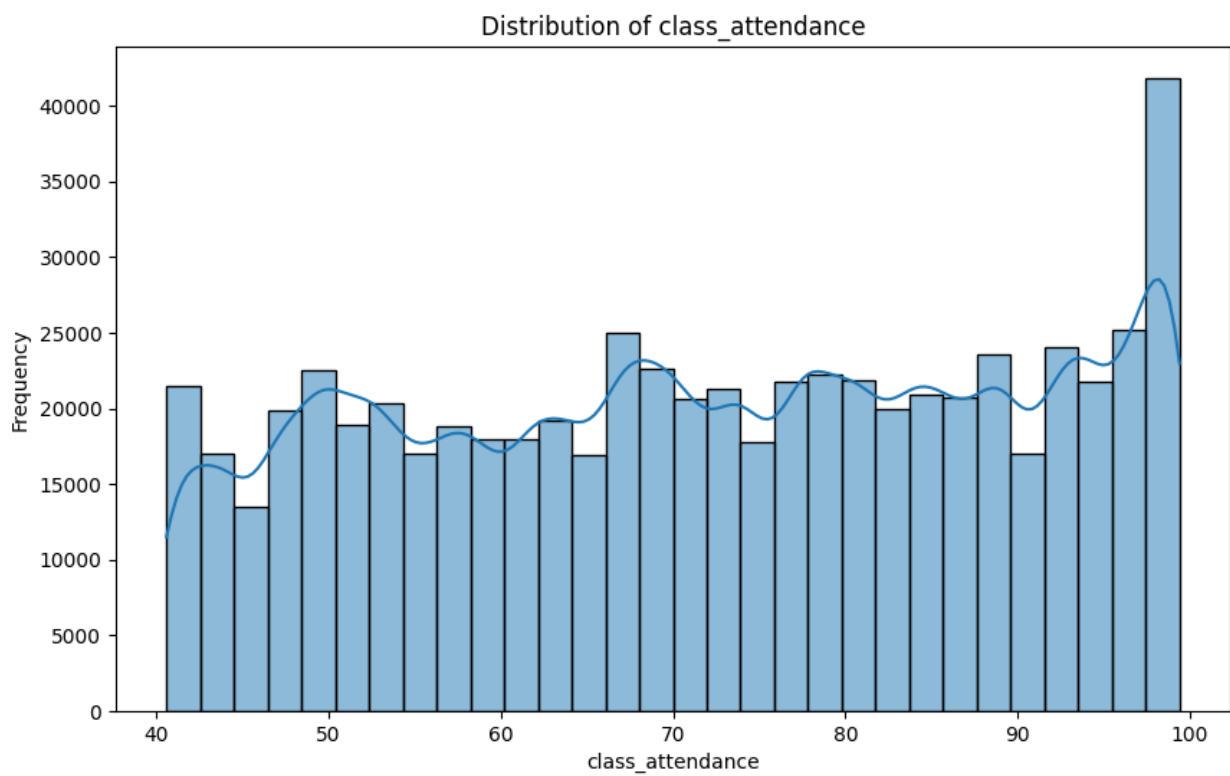
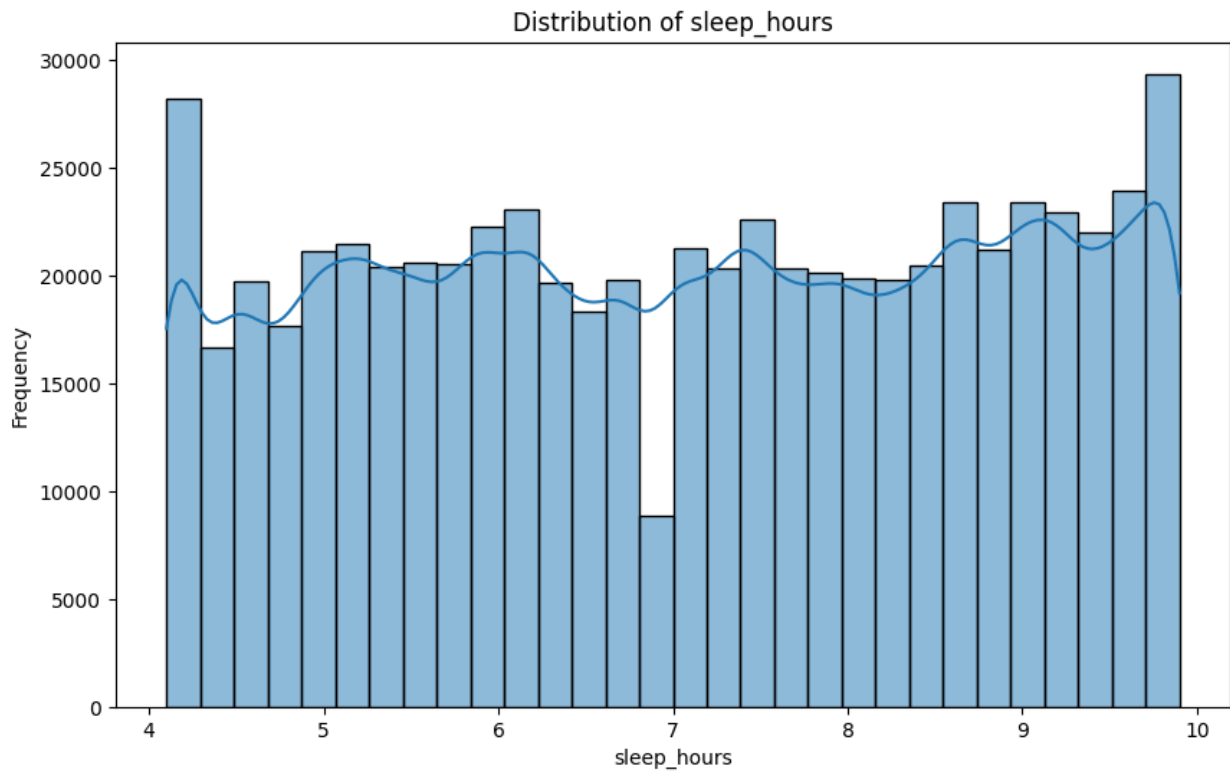


Figure: numerical dist sleep hours

## Exploratory Data Analysis Report



# Exploratory Data Analysis Report

## Categorical Feature Distributions

Figure: categorical dist gender

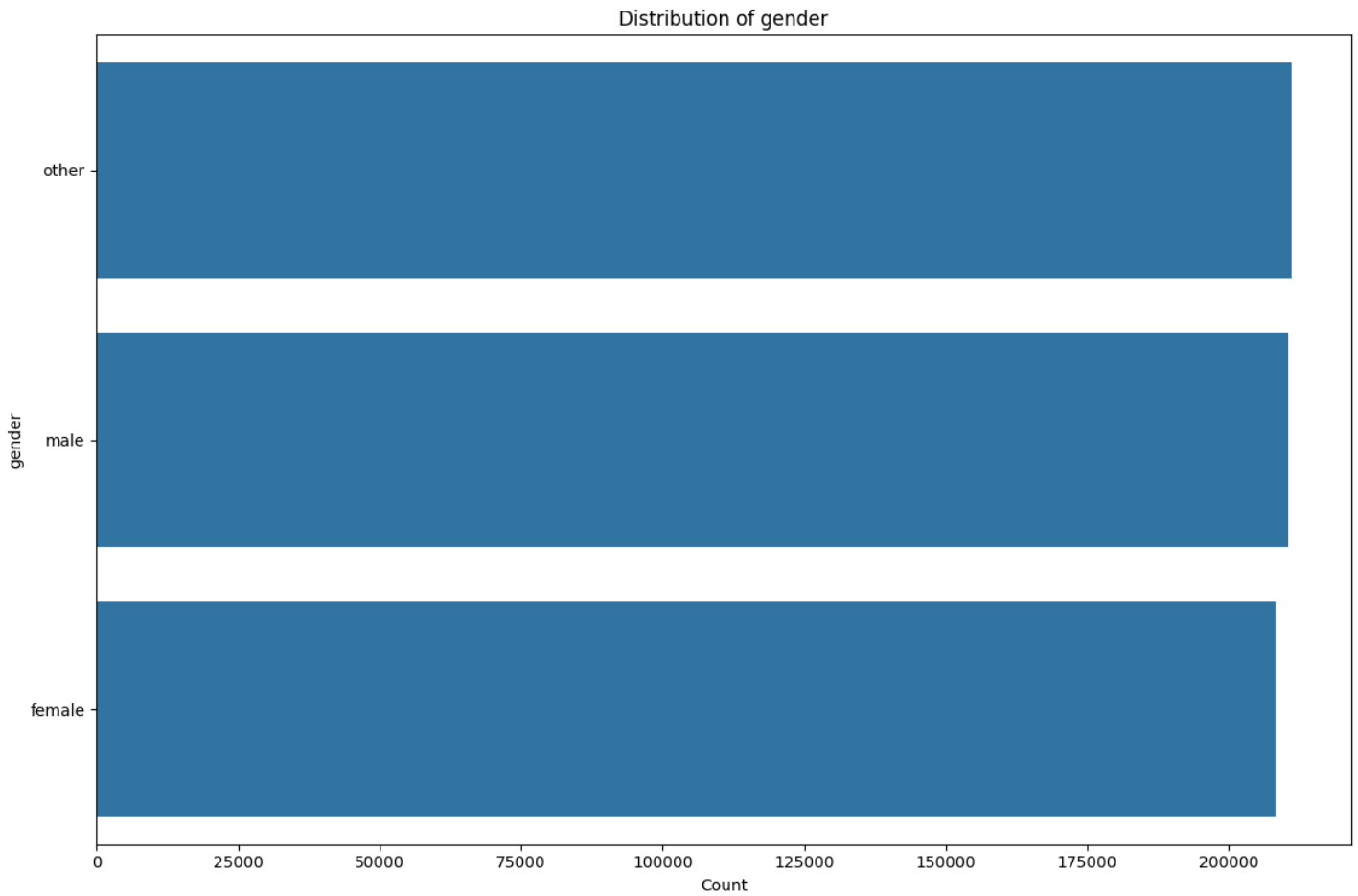


Figure: categorical dist course

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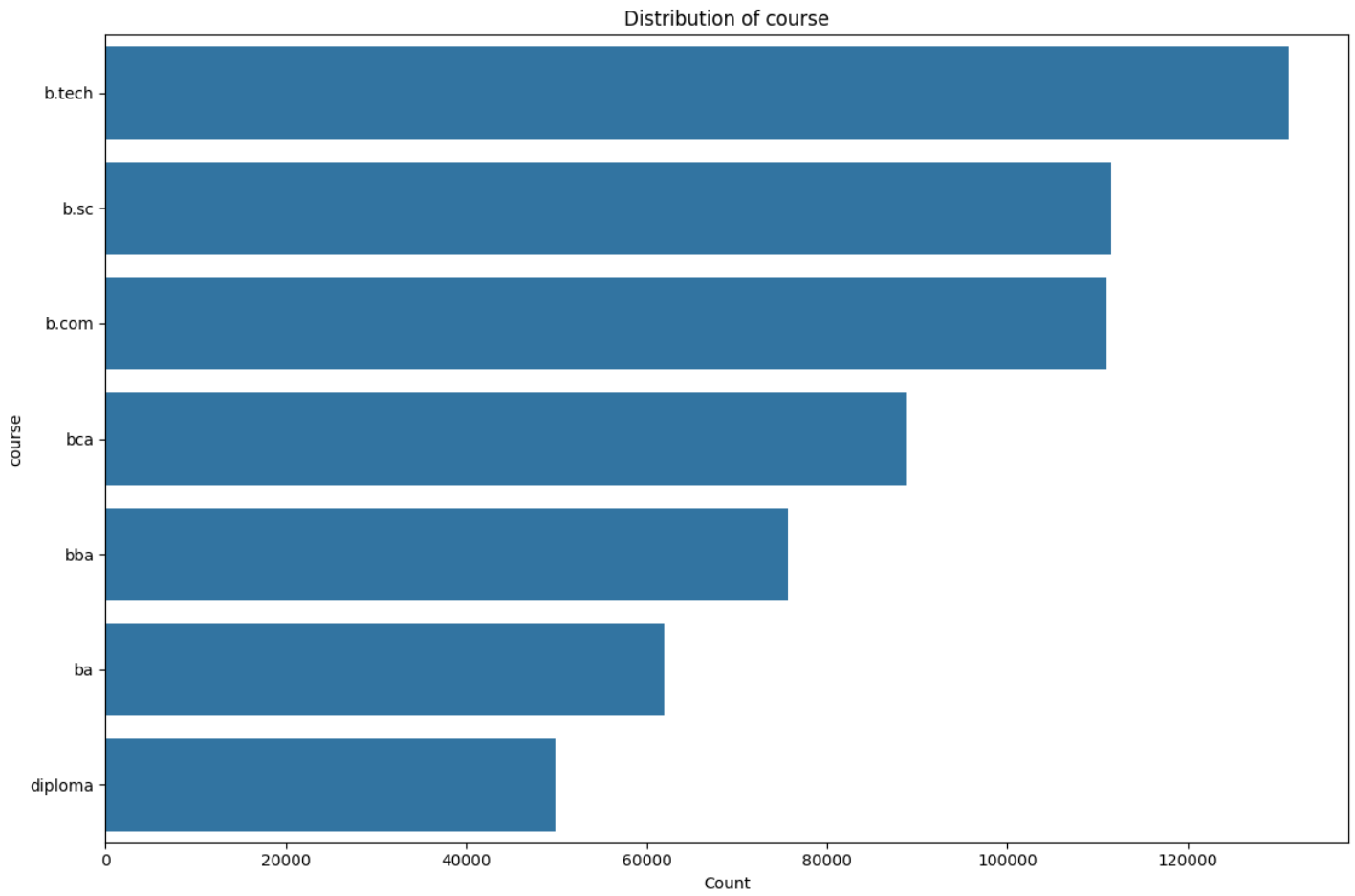


Figure: categorical dist internet access

## Exploratory Data Analysis Report

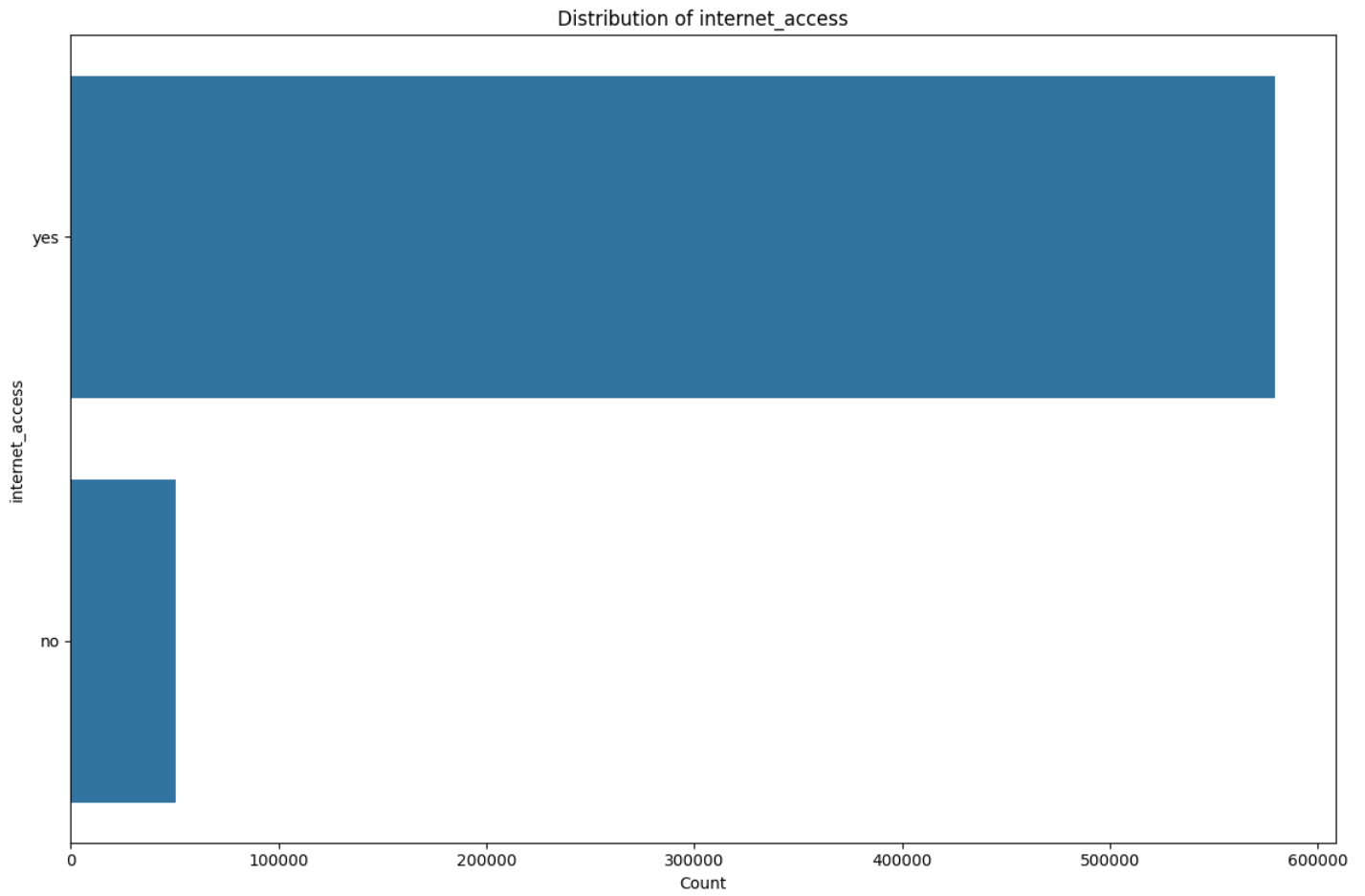


Figure: categorical dist sleep quality

## Exploratory Data Analysis Report

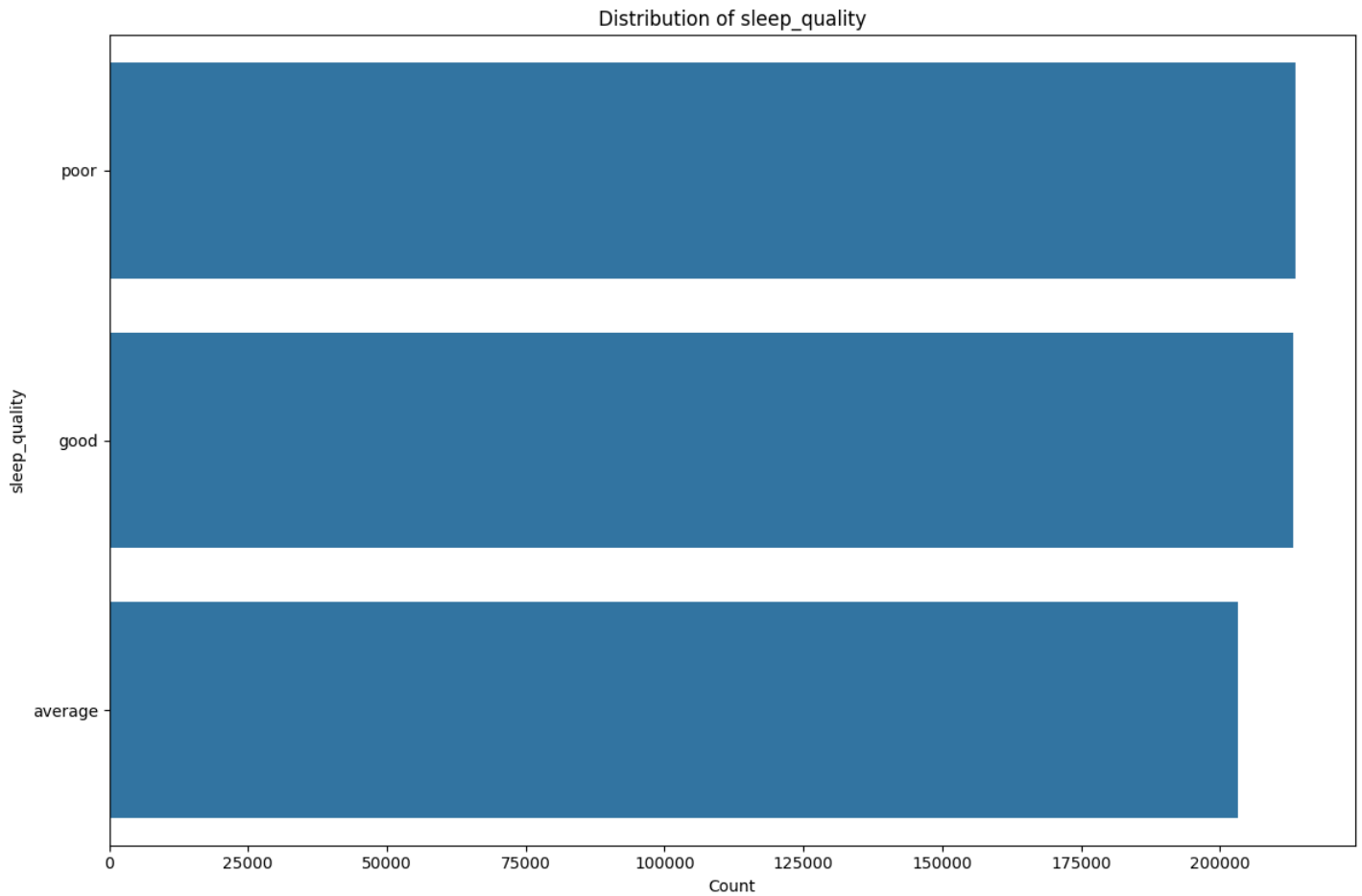


Figure: categorical dist study method

## Exploratory Data Analysis Report

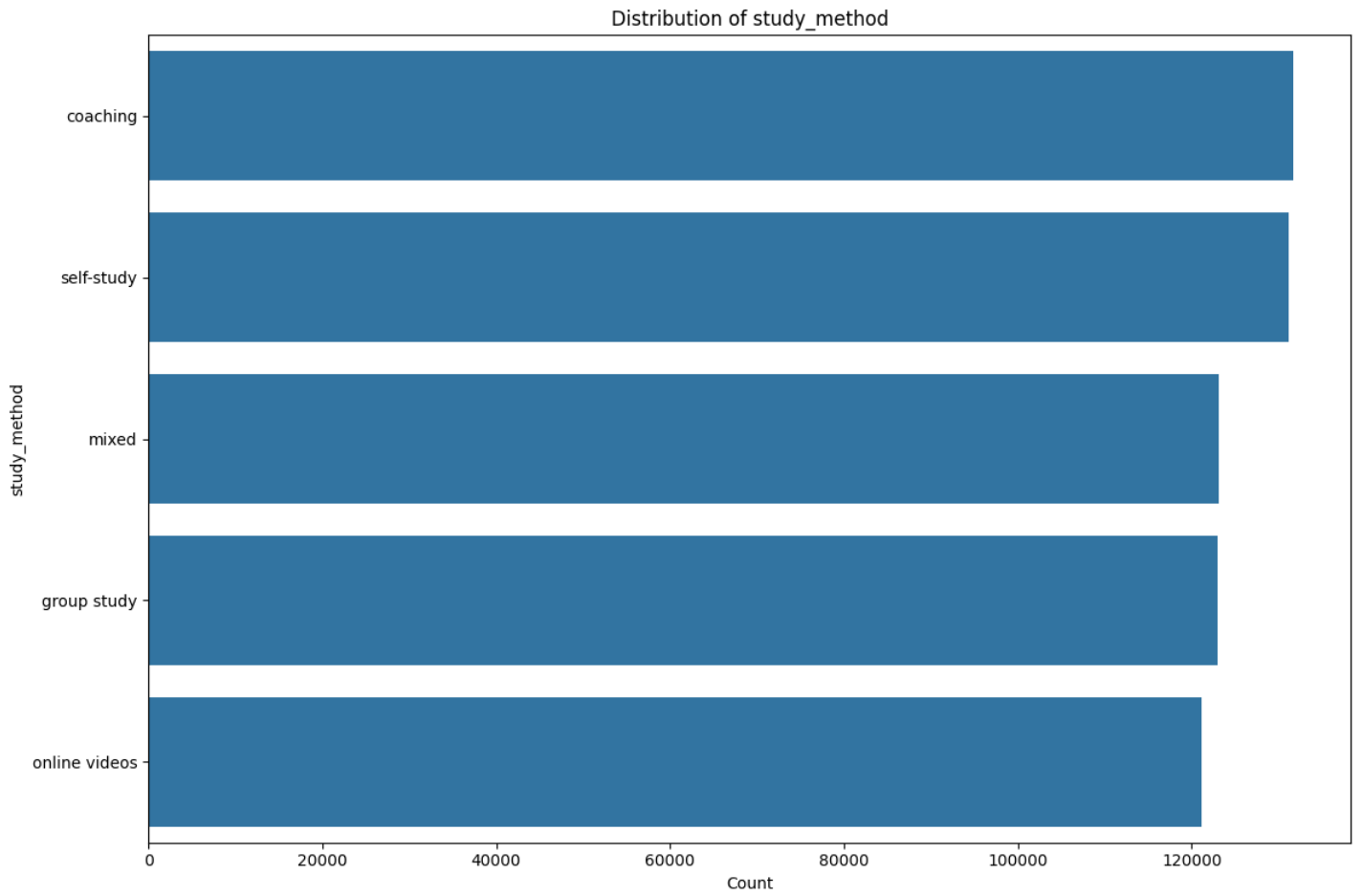


Figure: categorical dist facility rating



## Exploratory Data Analysis Report

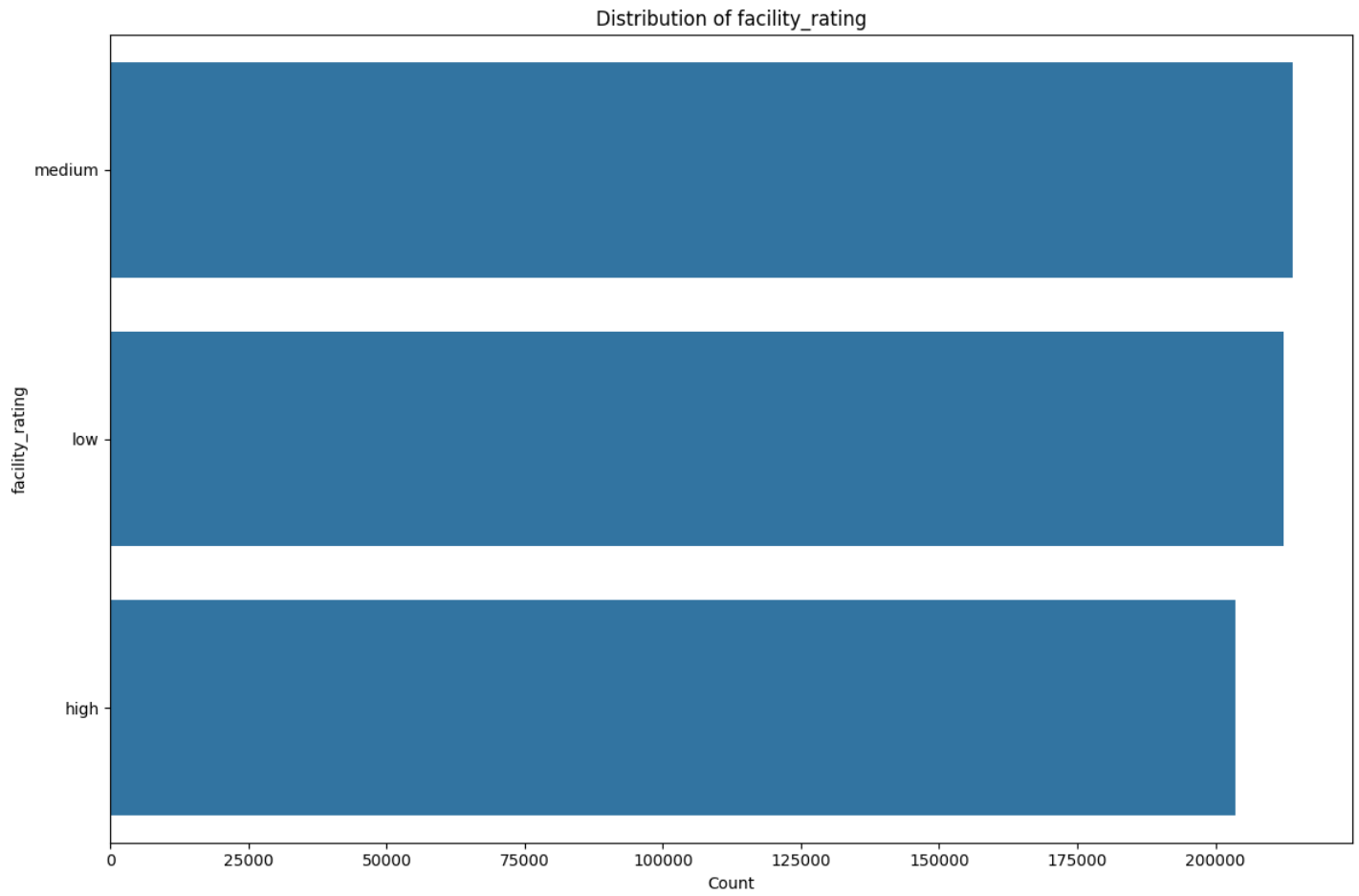
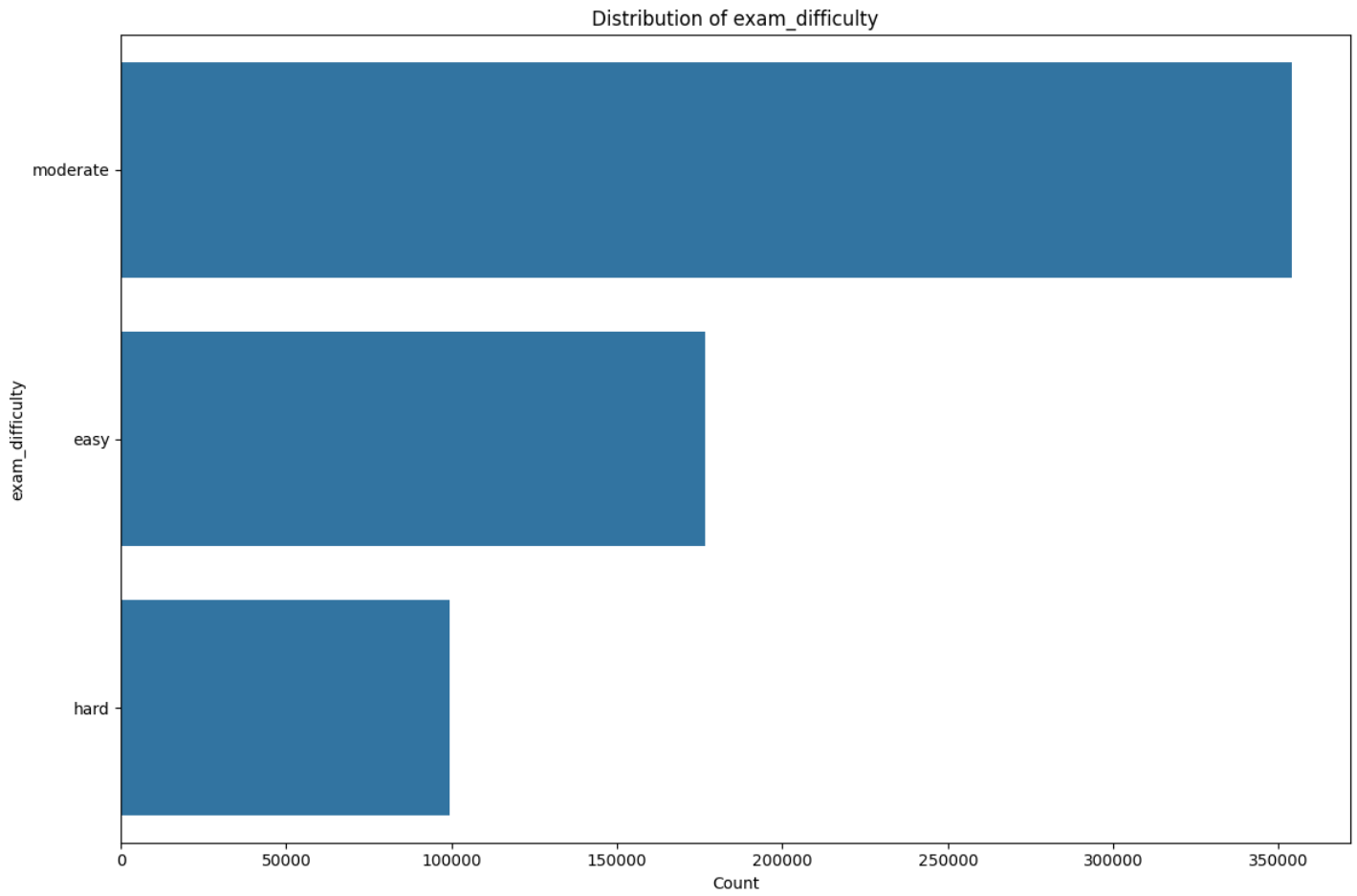


Figure: categorical dist exam difficulty

## Exploratory Data Analysis Report



# Exploratory Data Analysis Report

## Numerical Features vs. Target

Figure: numerical vs target age

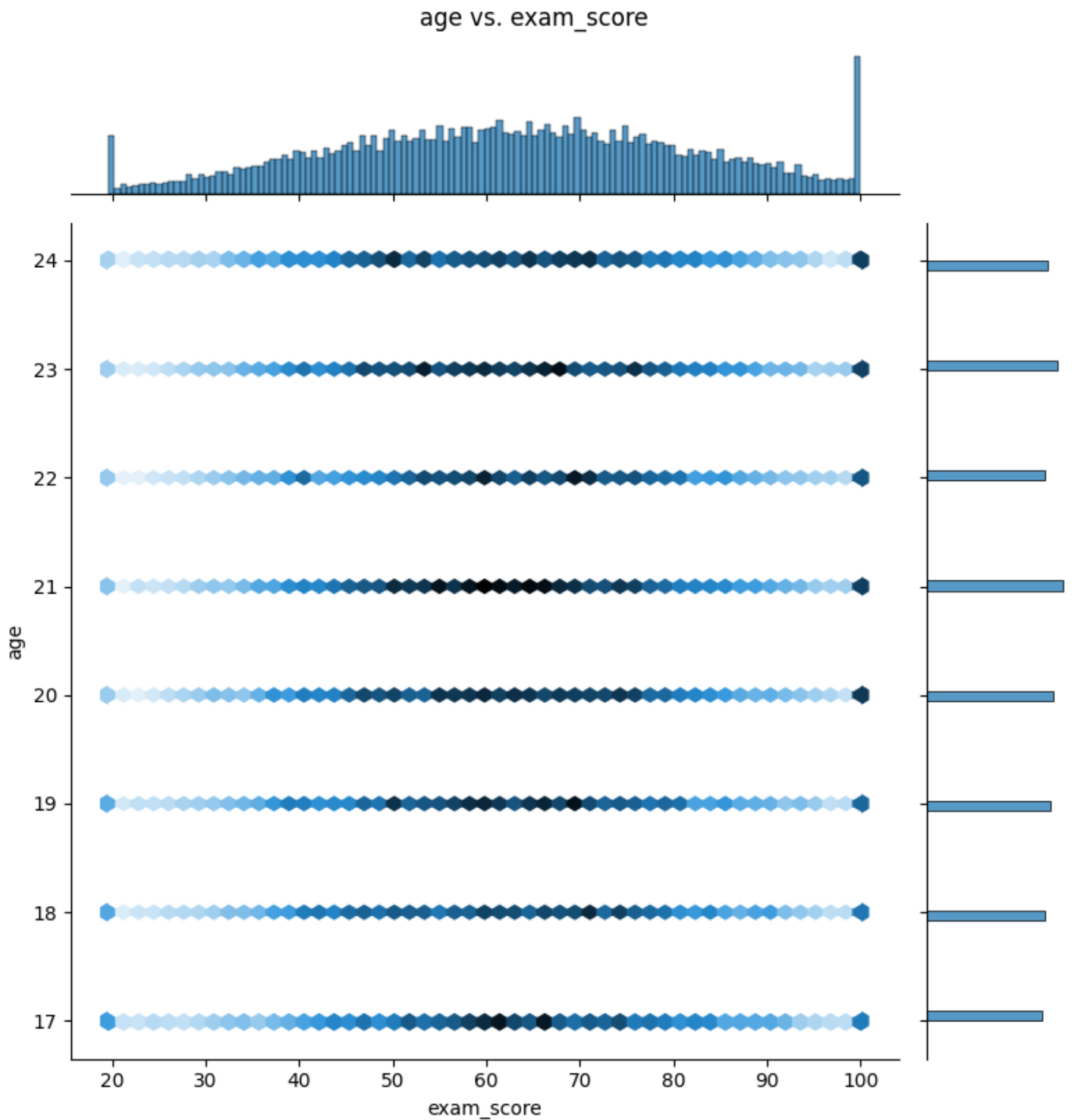


Figure: numerical vs target study hours

## Exploratory Data Analysis Report

study\_hours vs. exam\_score

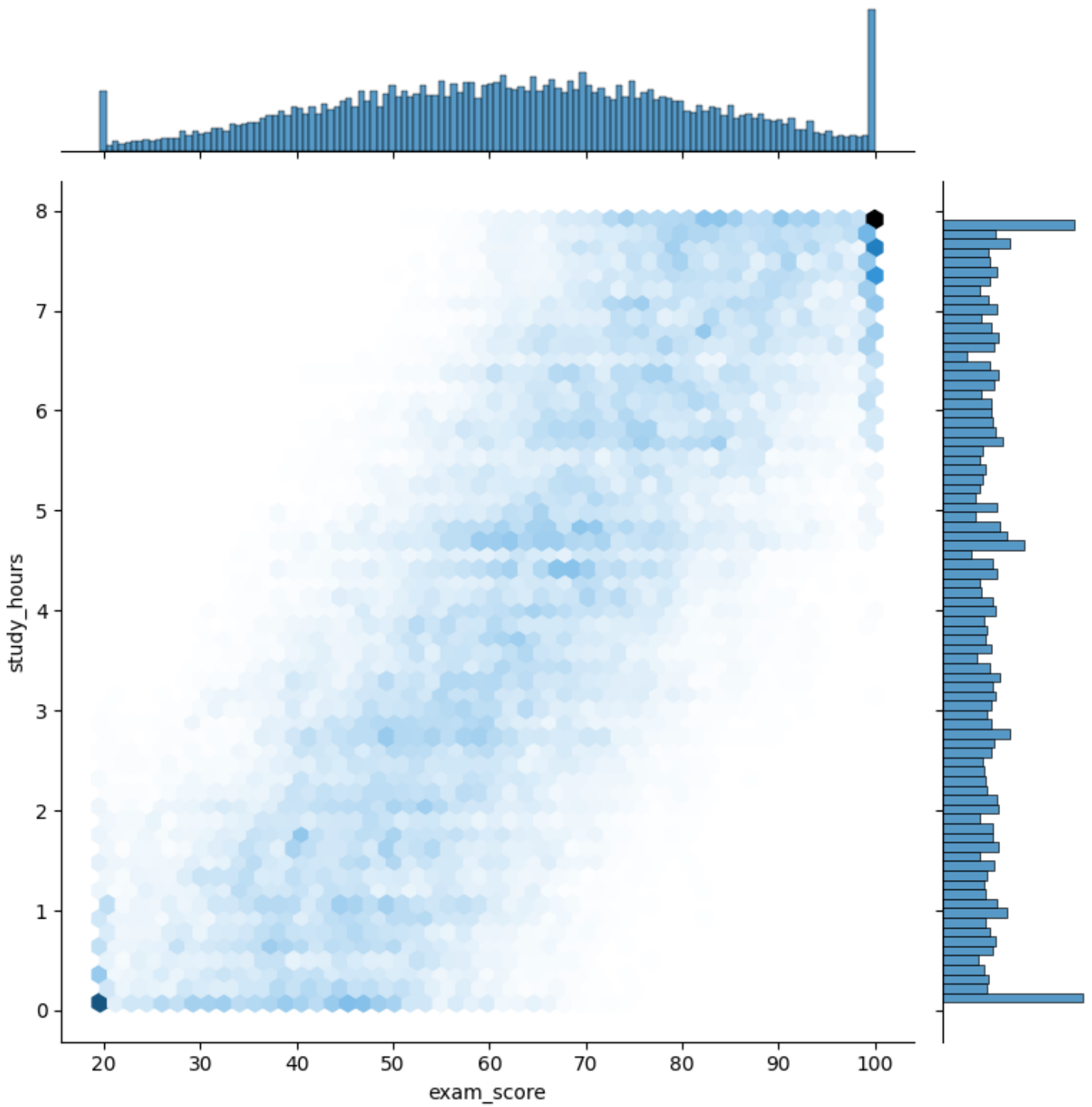


Figure: numerical vs target class attendance

## Exploratory Data Analysis Report

class\_attendance vs. exam\_score

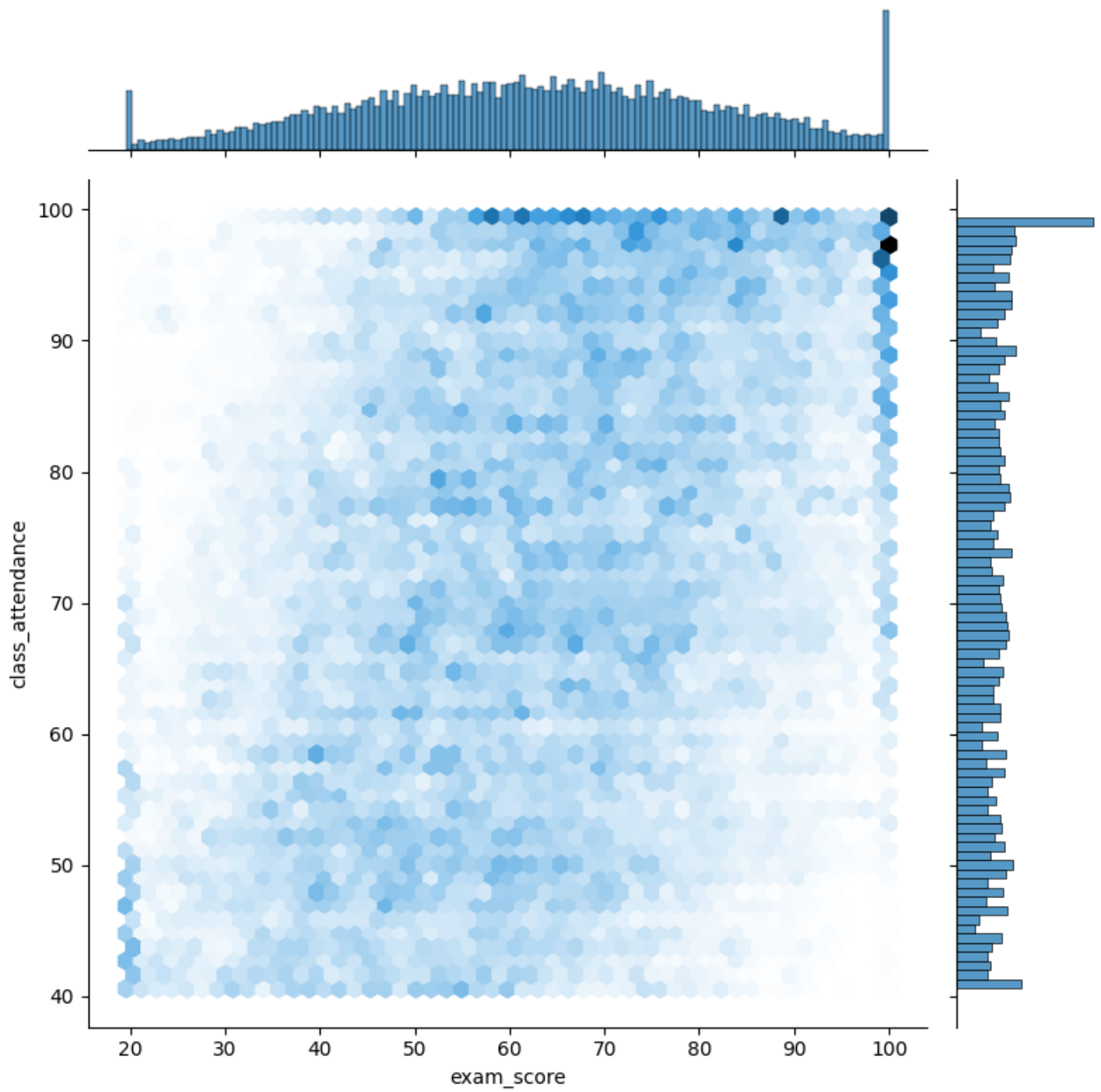
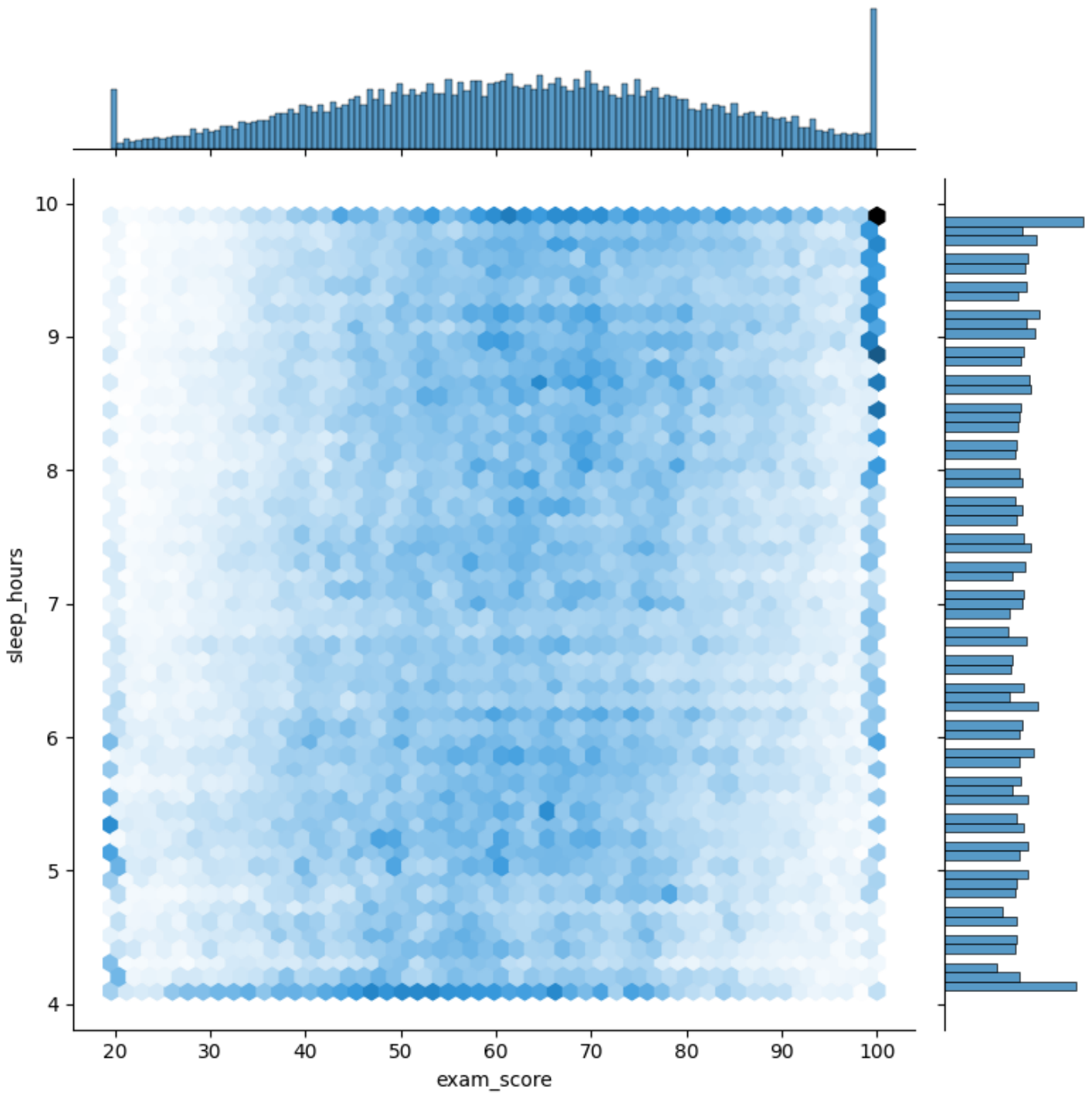


Figure: numerical vs target sleep hours

## Exploratory Data Analysis Report

sleep\_hours vs. exam\_score



## Exploratory Data Analysis Report

### Categorical Features vs. Target

Figure: categorical vs target gender

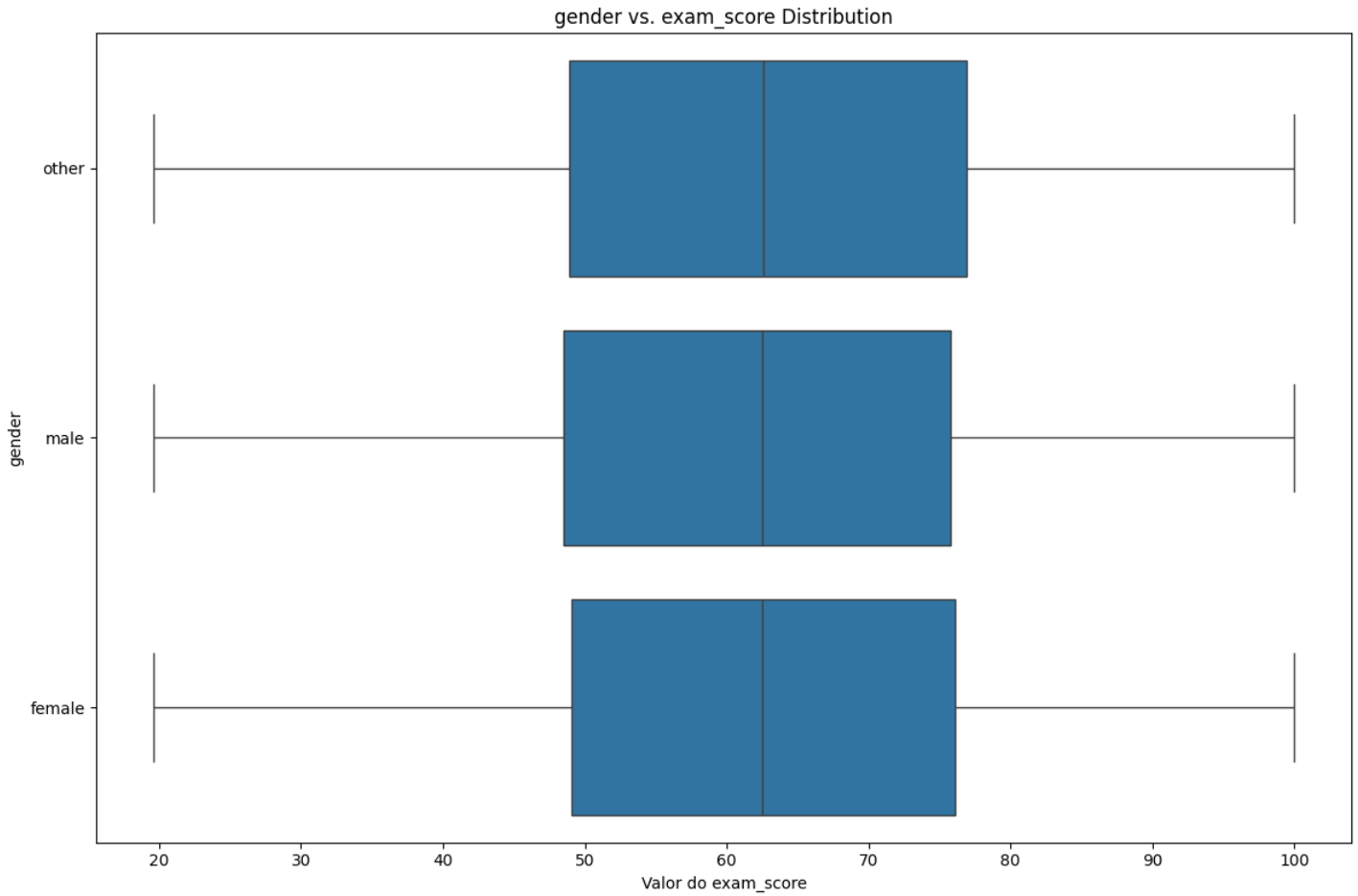


Figure: categorical vs target course

## Exploratory Data Analysis Report

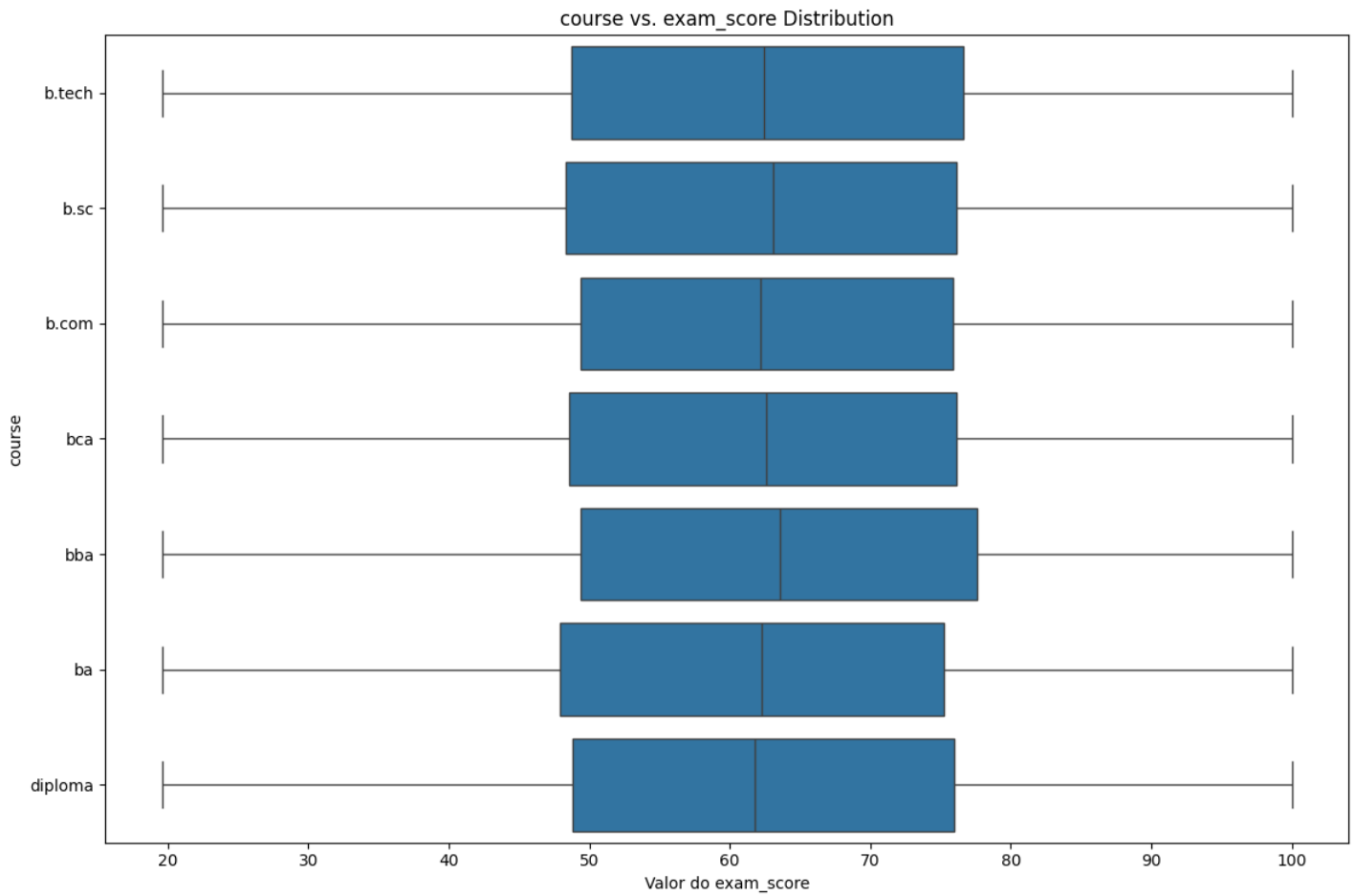


Figure: categorical vs target internet access



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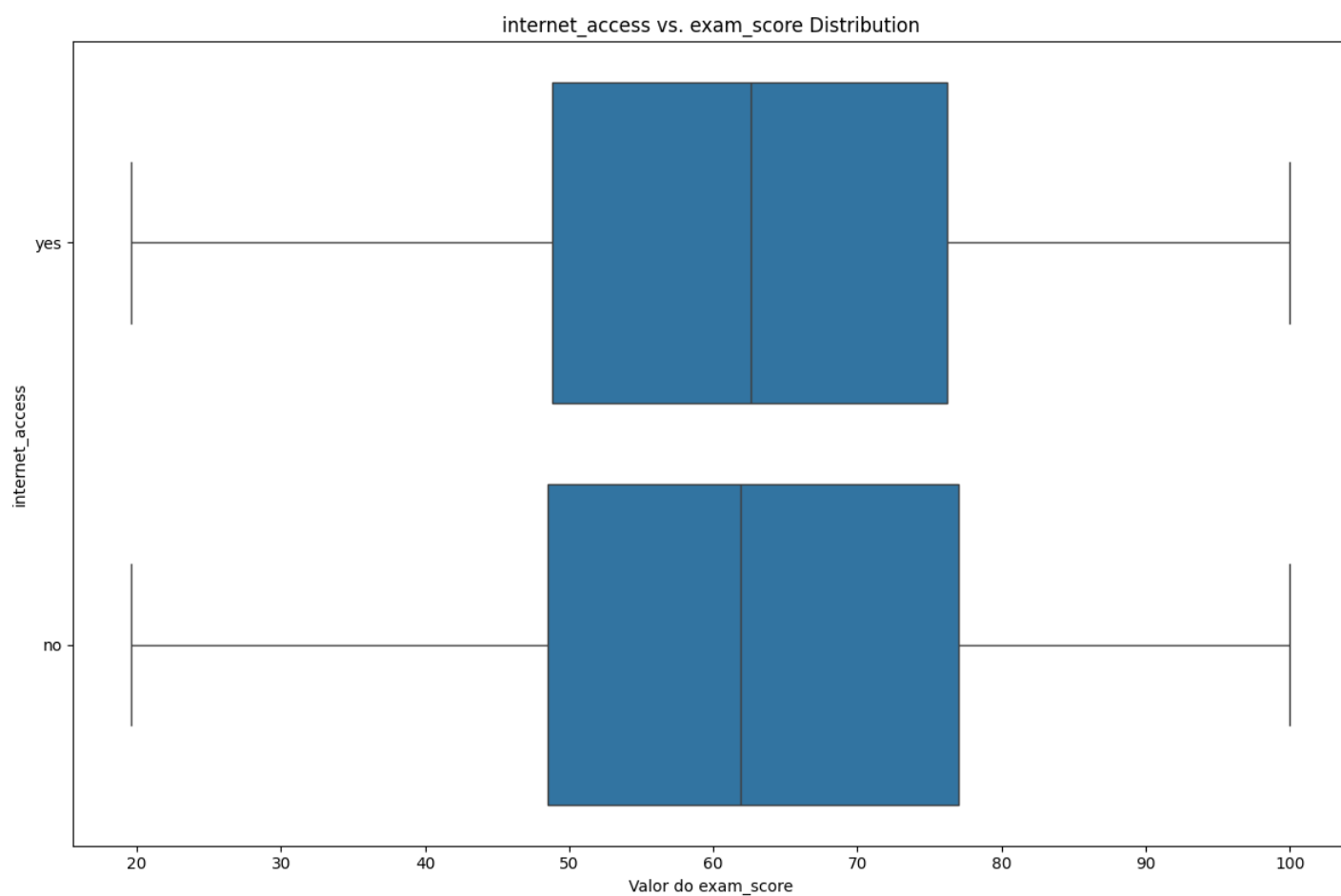


Figure: categorical vs target sleep quality

## Exploratory Data Analysis Report

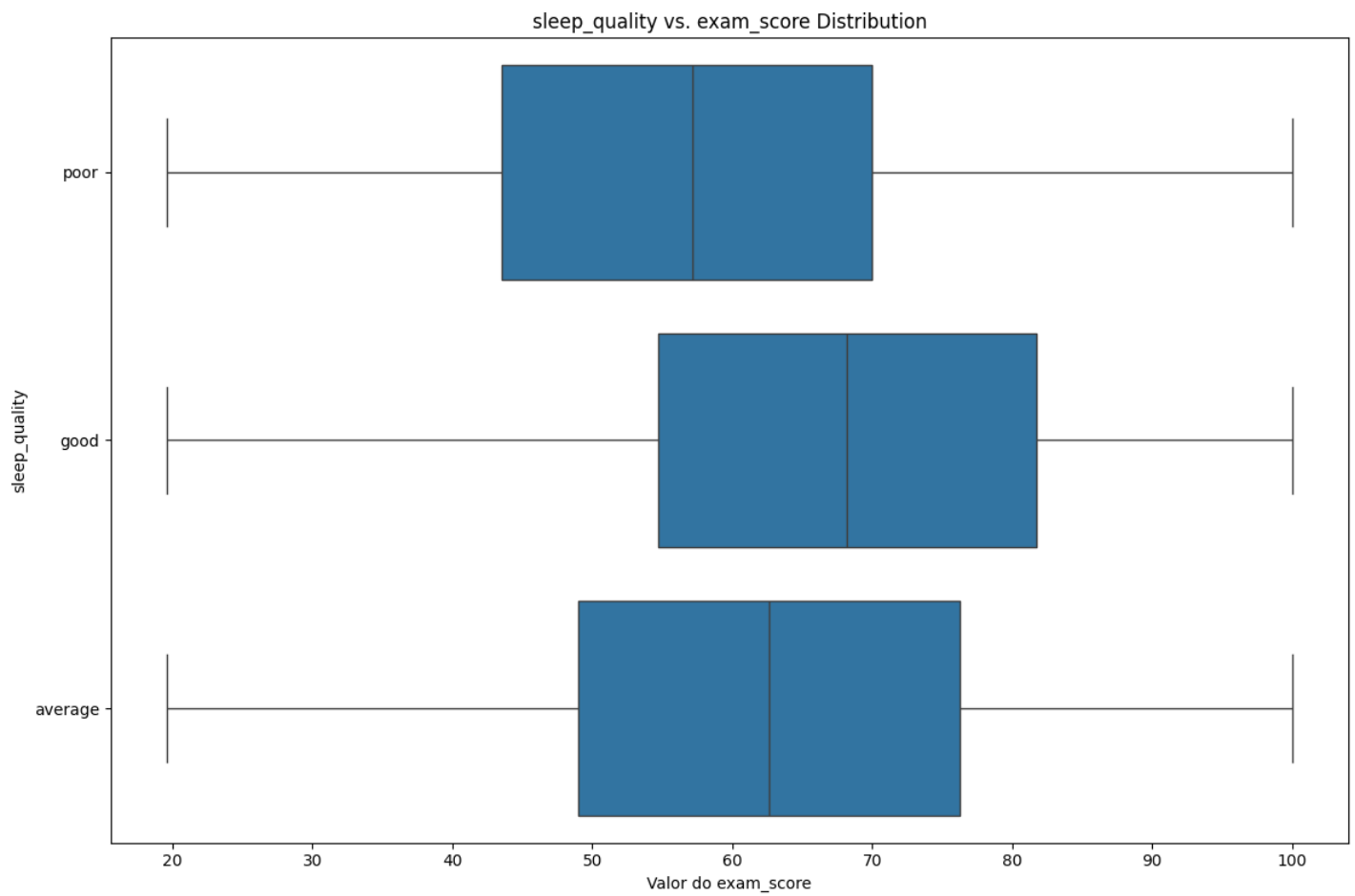


Figure: categorical vs target study method

## Exploratory Data Analysis Report

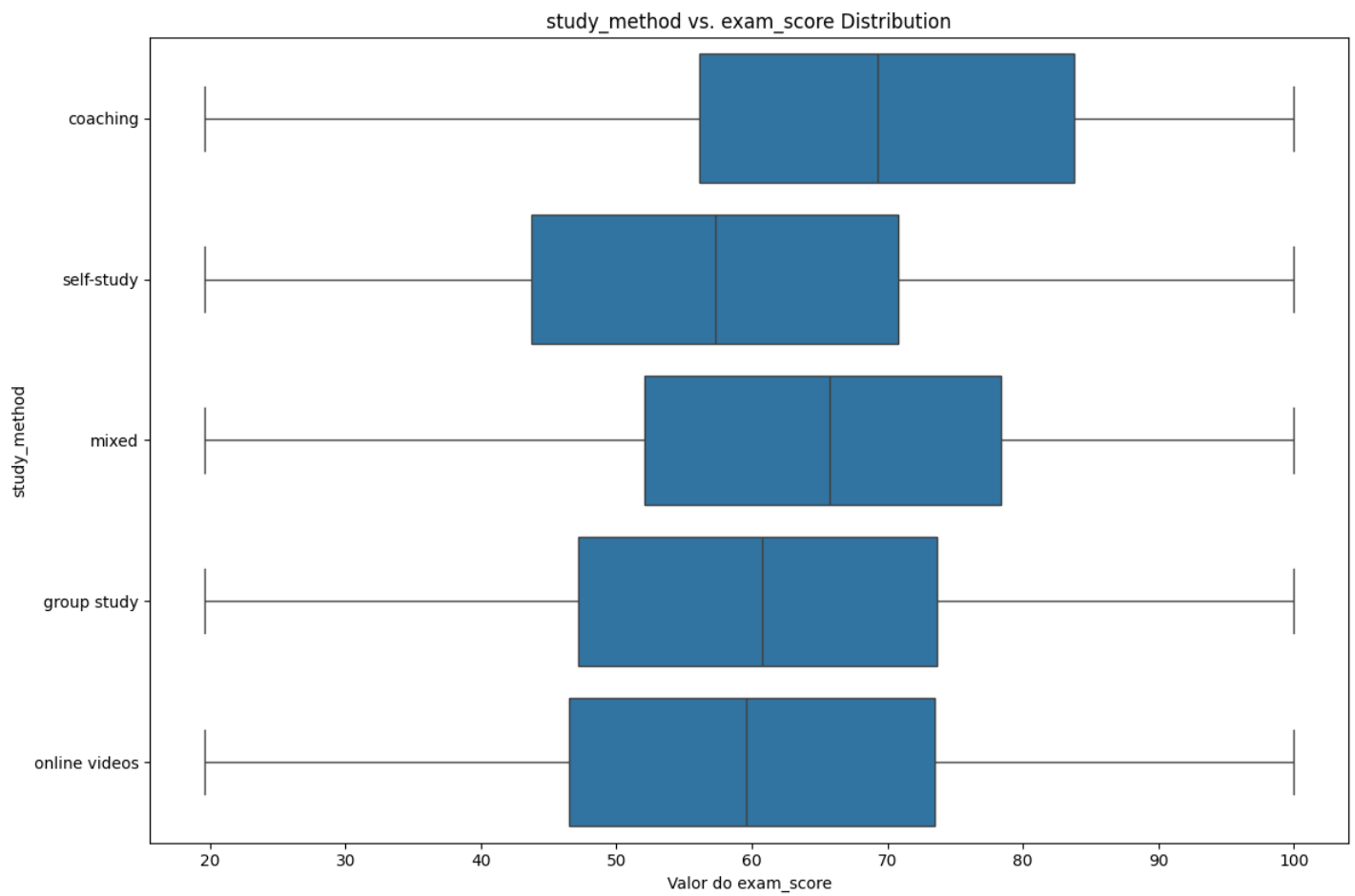


Figure: categorical vs target facility rating

## Exploratory Data Analysis Report

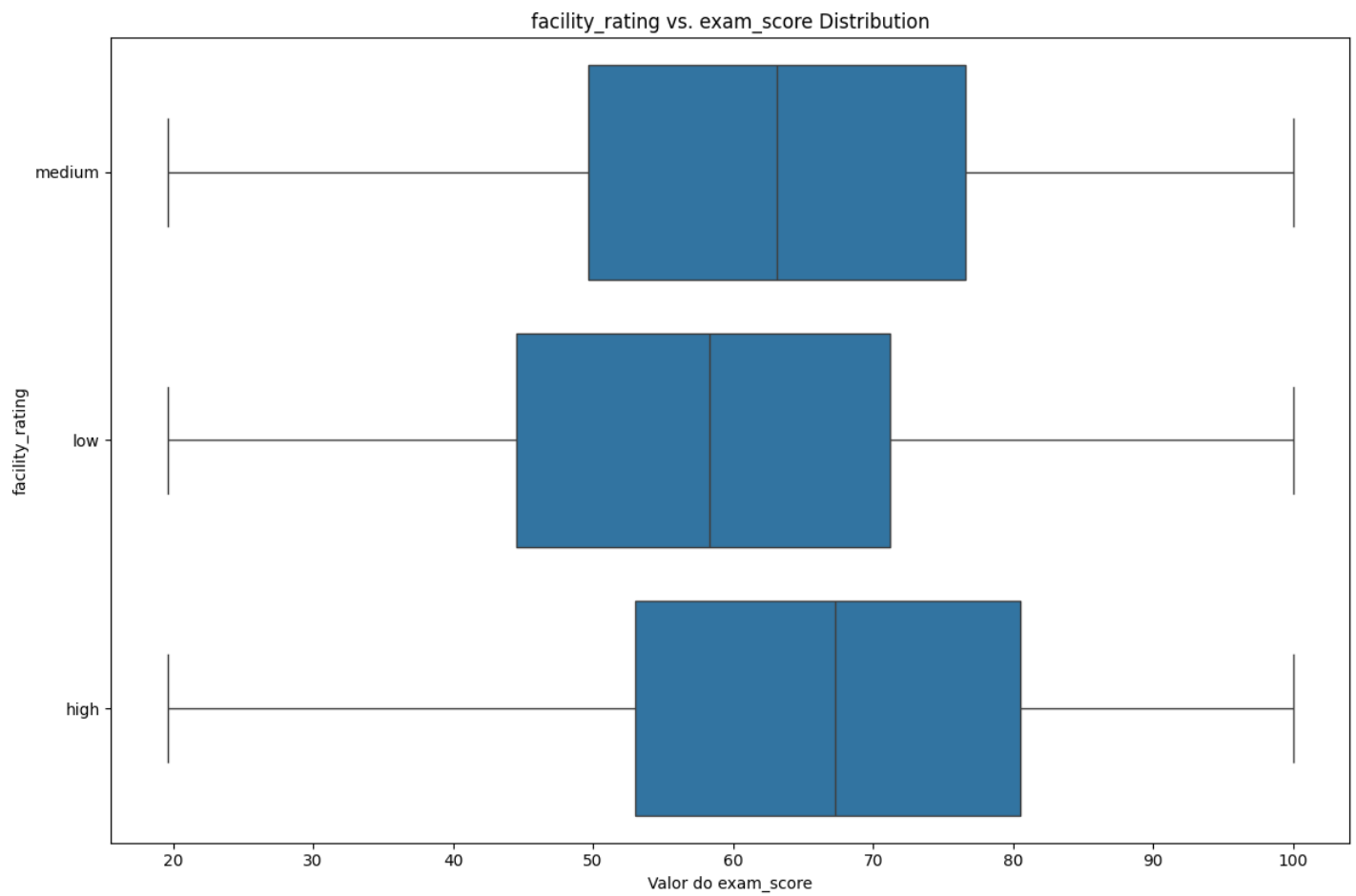
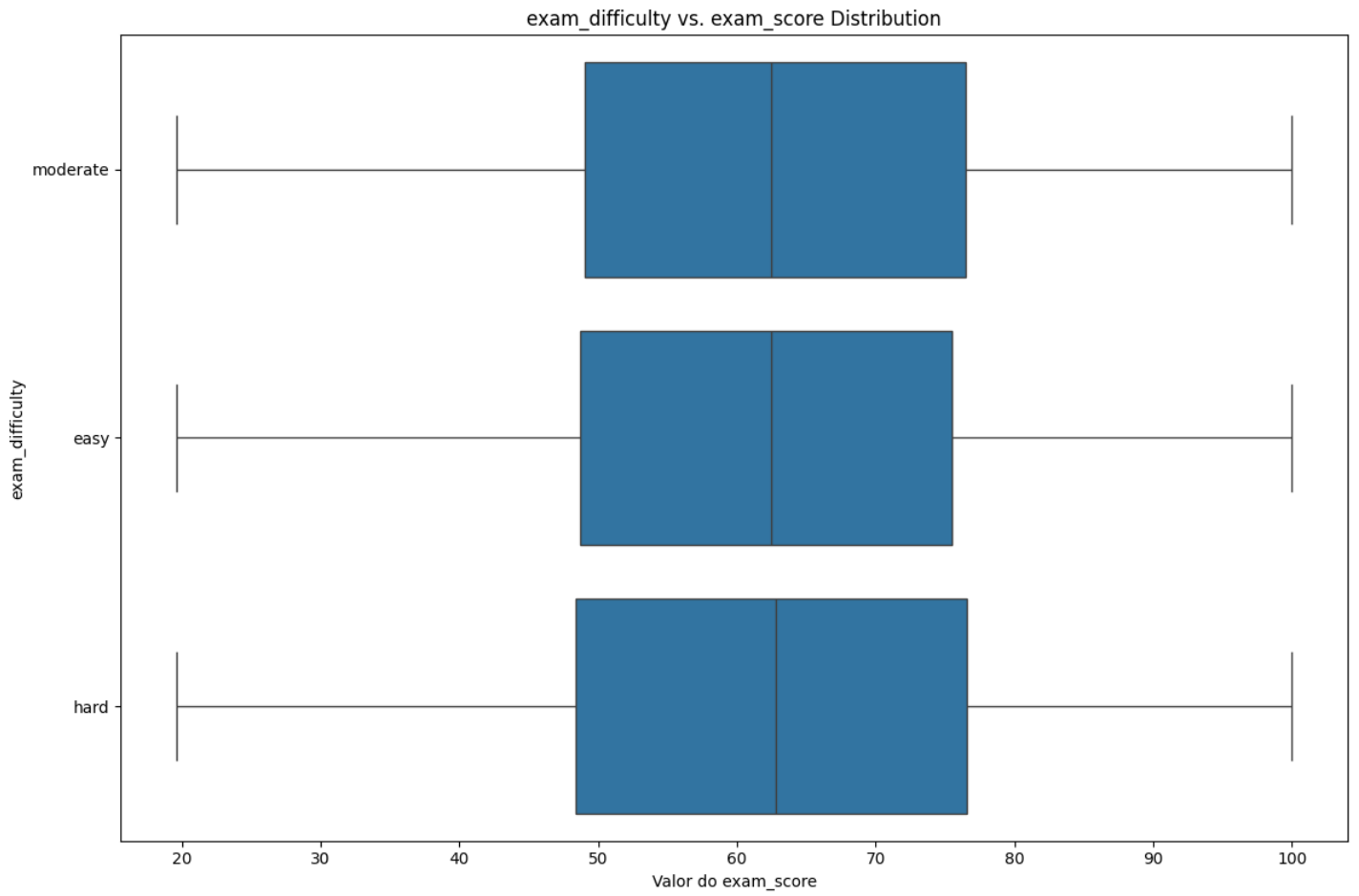


Figure: categorical vs target exam difficulty

## Exploratory Data Analysis Report



# Exploratory Data Analysis Report

## Correlation Matrix

Figure: correlation matrix

