

Exploratory Data Analysis Report

Numerical Feature Distributions

Figure: numerical dist age

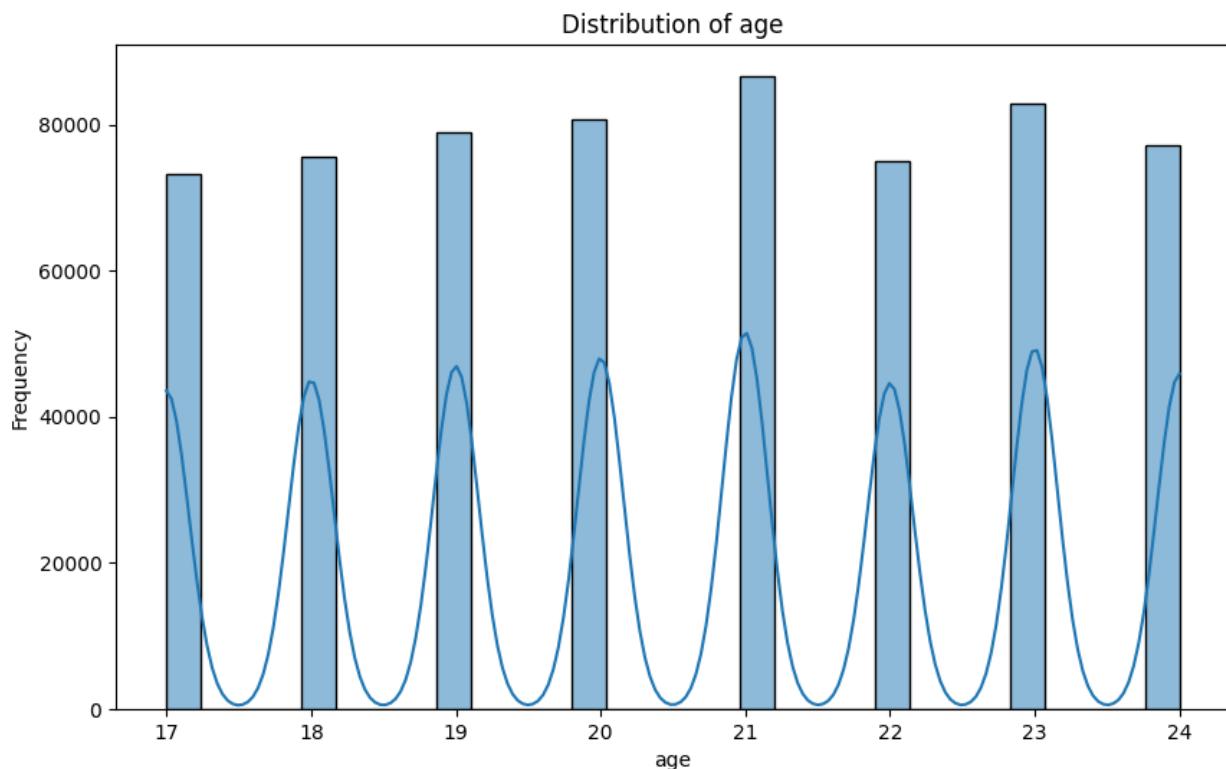


Figure: numerical dist study hours

Exploratory Data Analysis Report

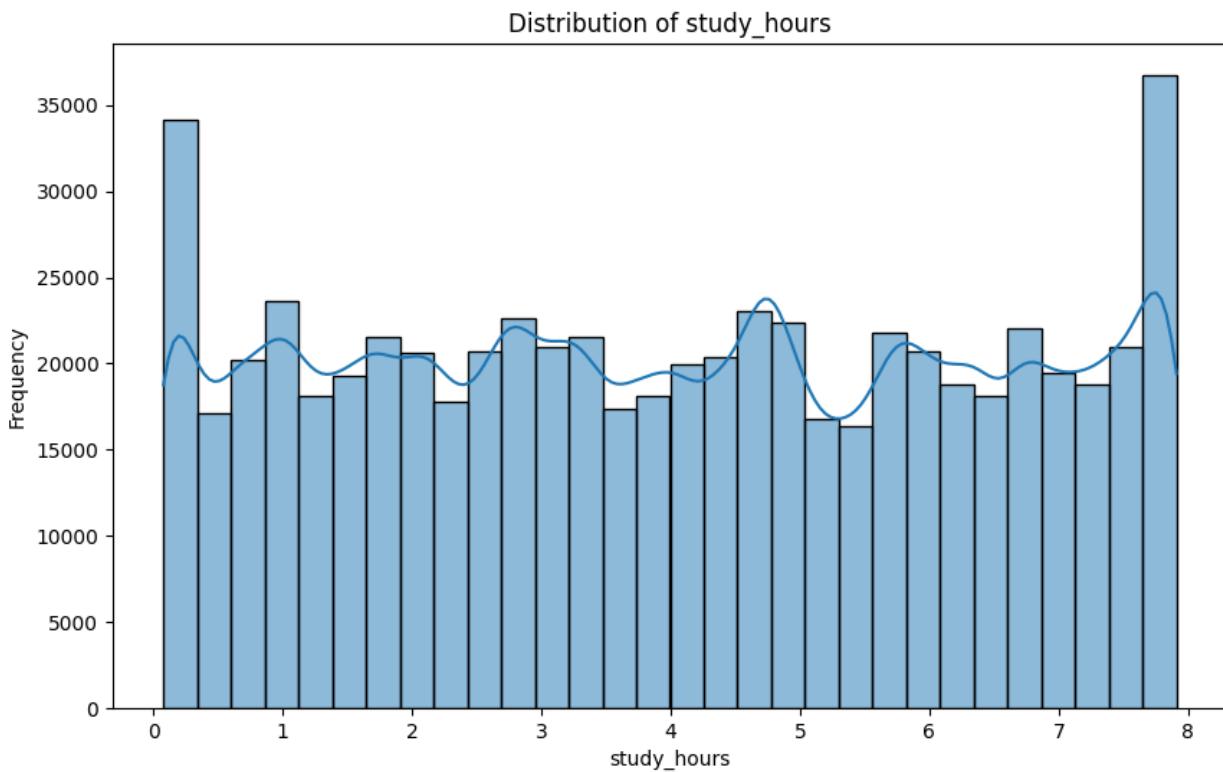


Figure: numerical dist class attendance

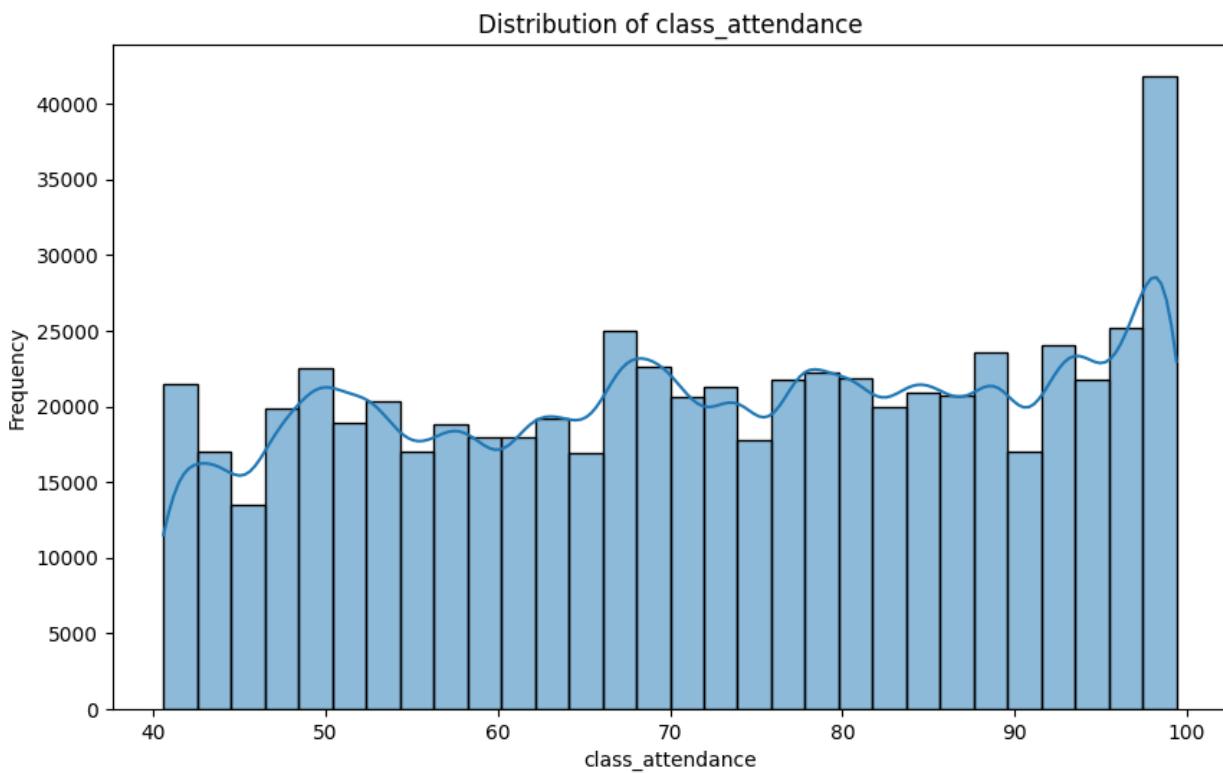
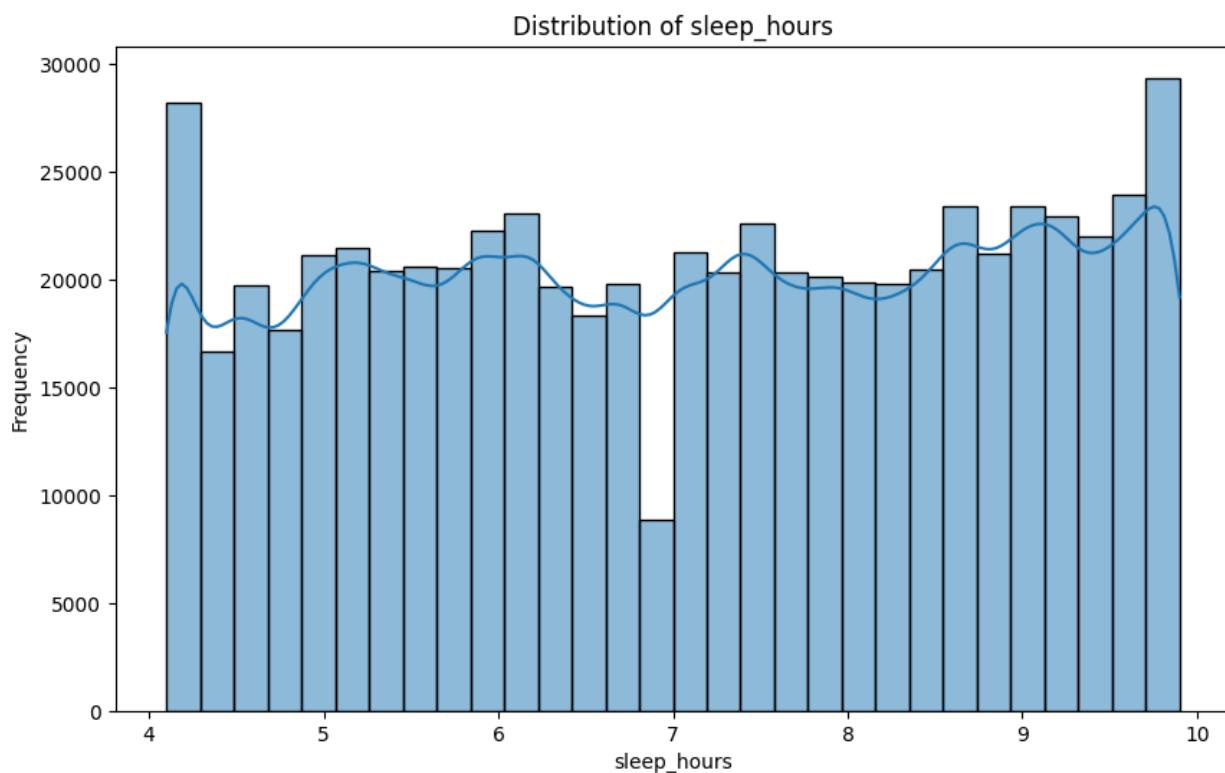


Figure: numerical dist sleep hours

Exploratory Data Analysis Report



Exploratory Data Analysis Report

Categorical Feature Distributions

Figure: categorical dist gender

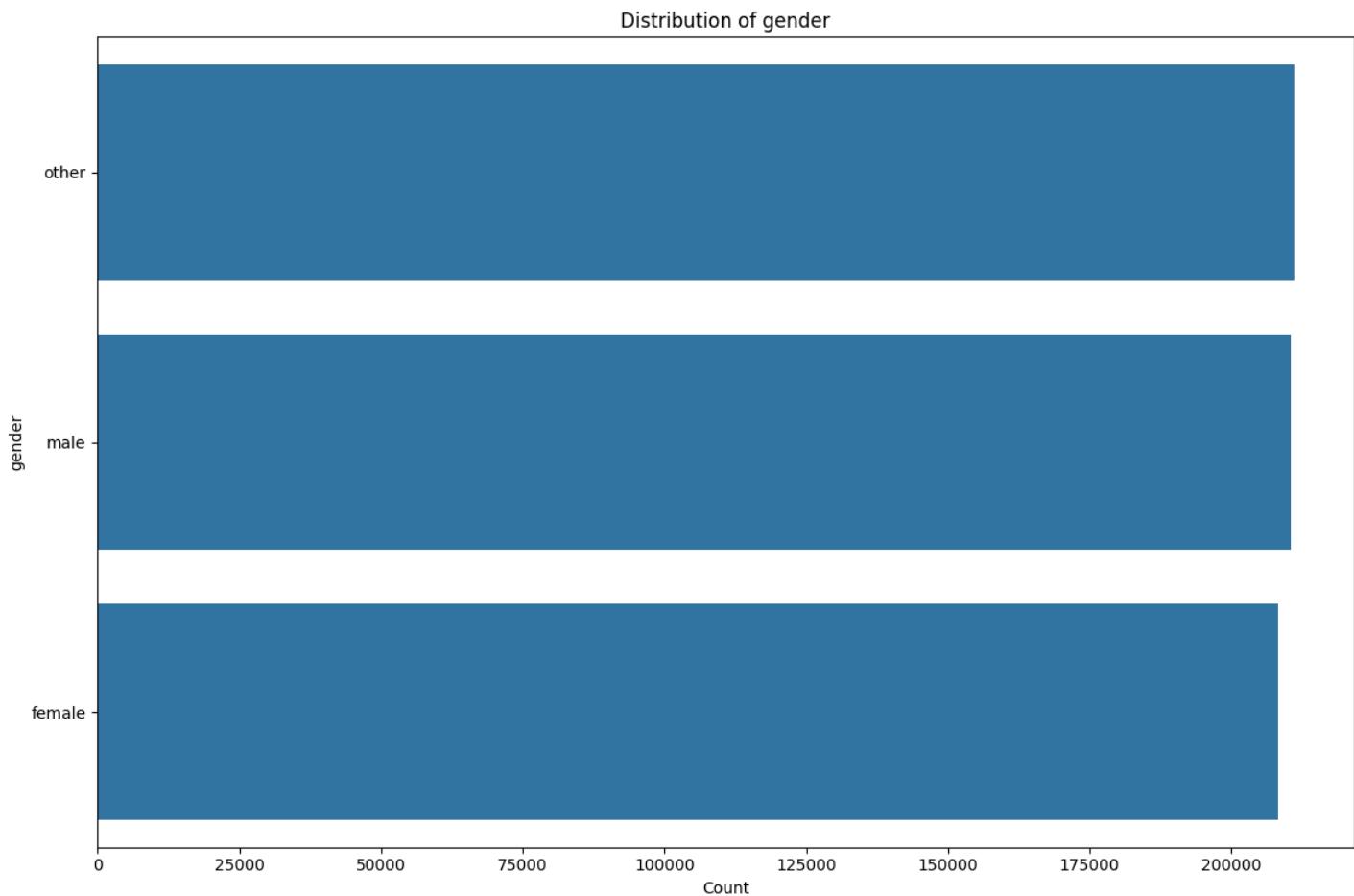


Figure: categorical dist course

Exploratory Data Analysis Report

Distribution of course

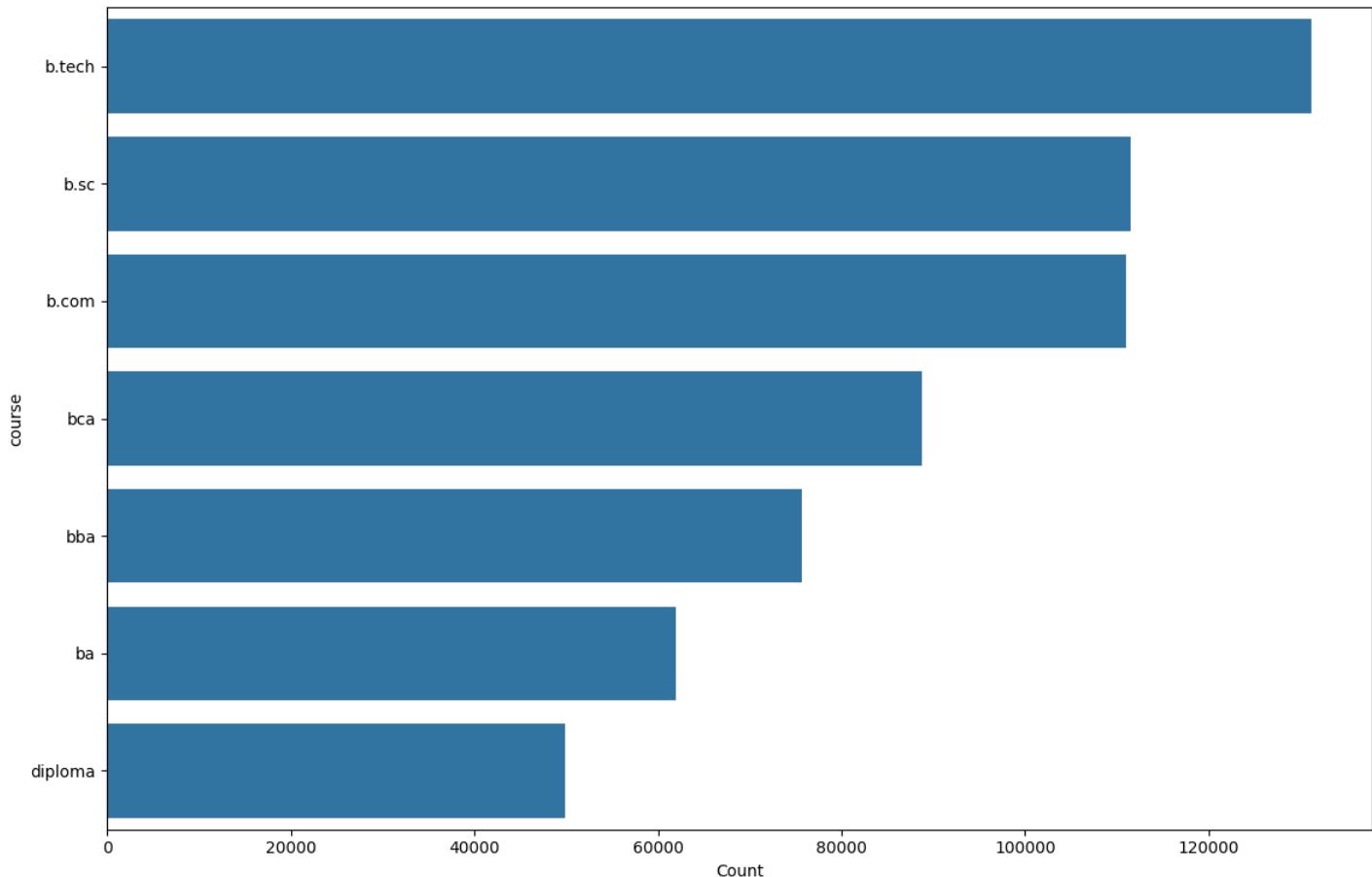


Figure: categorical dist internet access

Exploratory Data Analysis Report

Distribution of internet_access

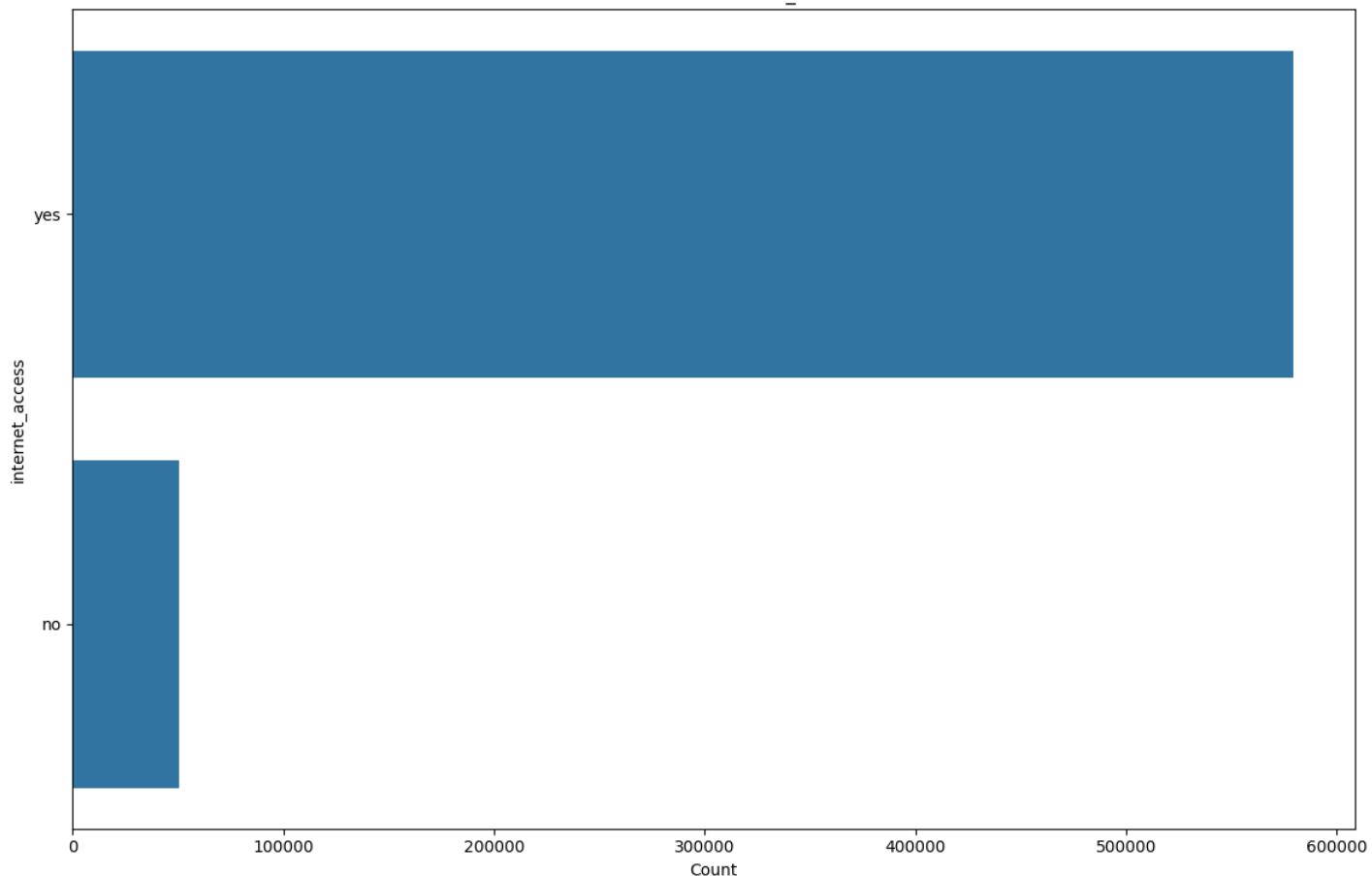


Figure: categorical dist sleep quality

Exploratory Data Analysis Report

Distribution of sleep_quality

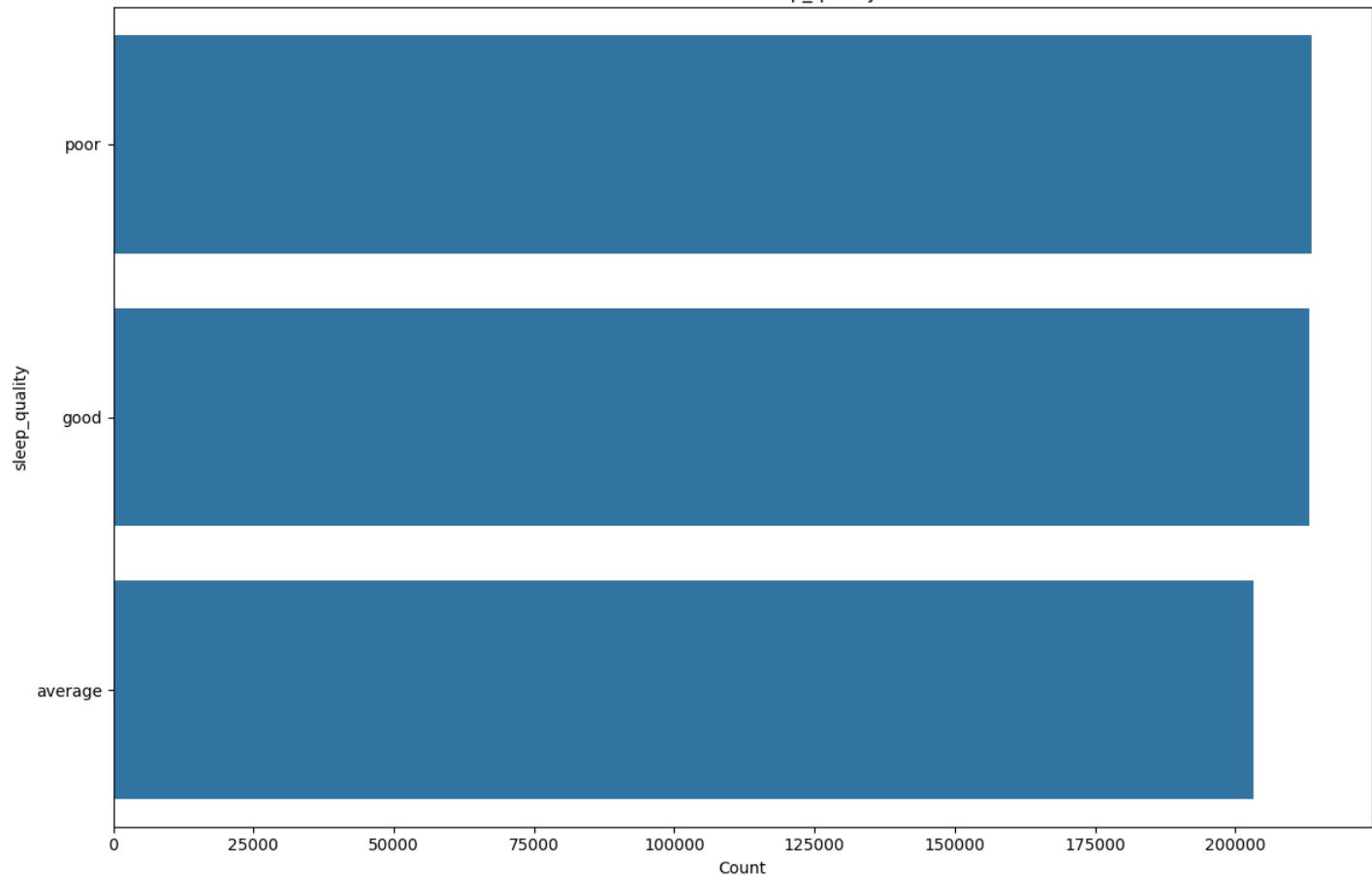


Figure: categorical dist study method

Exploratory Data Analysis Report

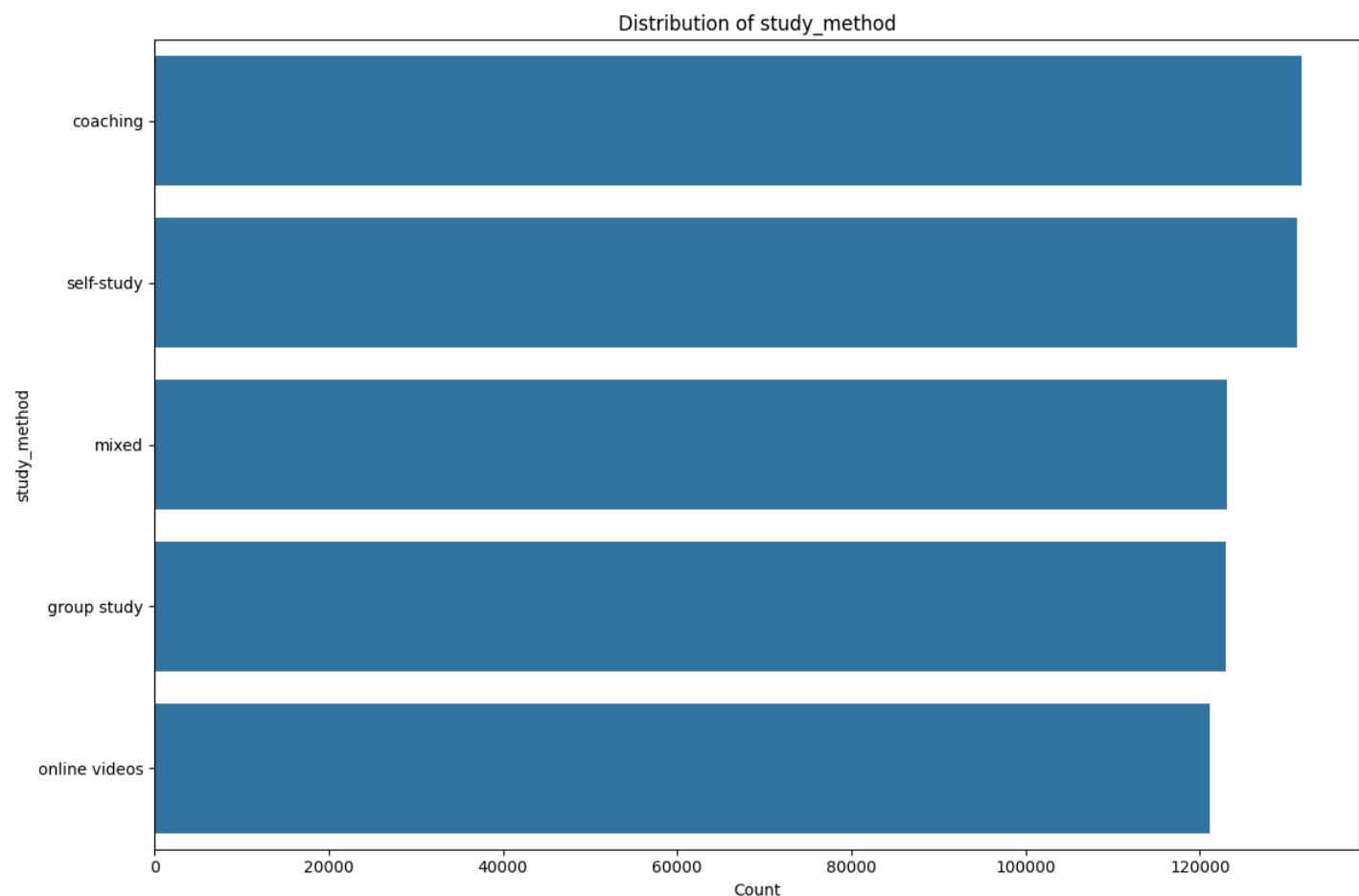


Figure: categorical dist facility rating

Exploratory Data Analysis Report

Distribution of facility_rating

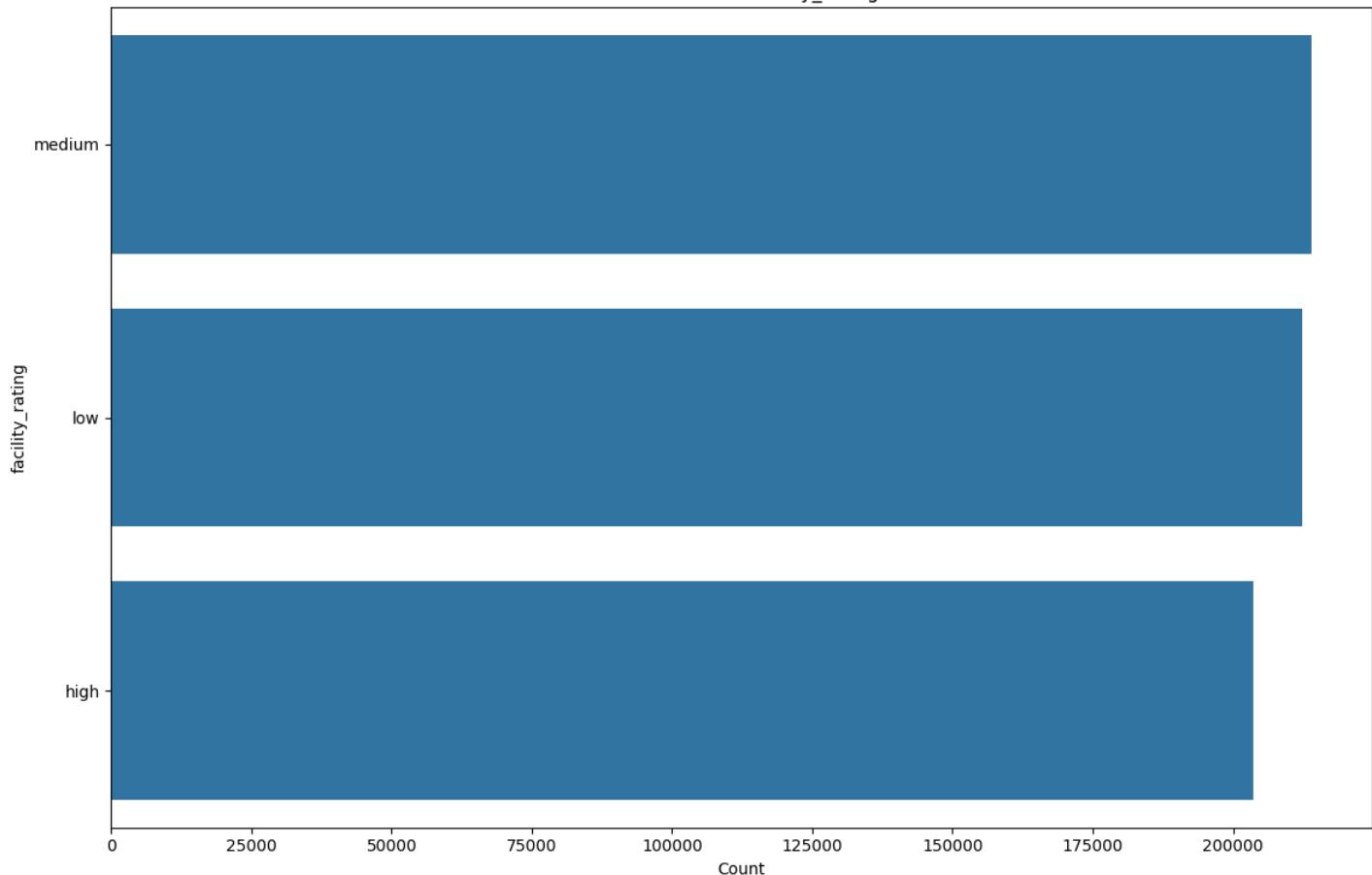
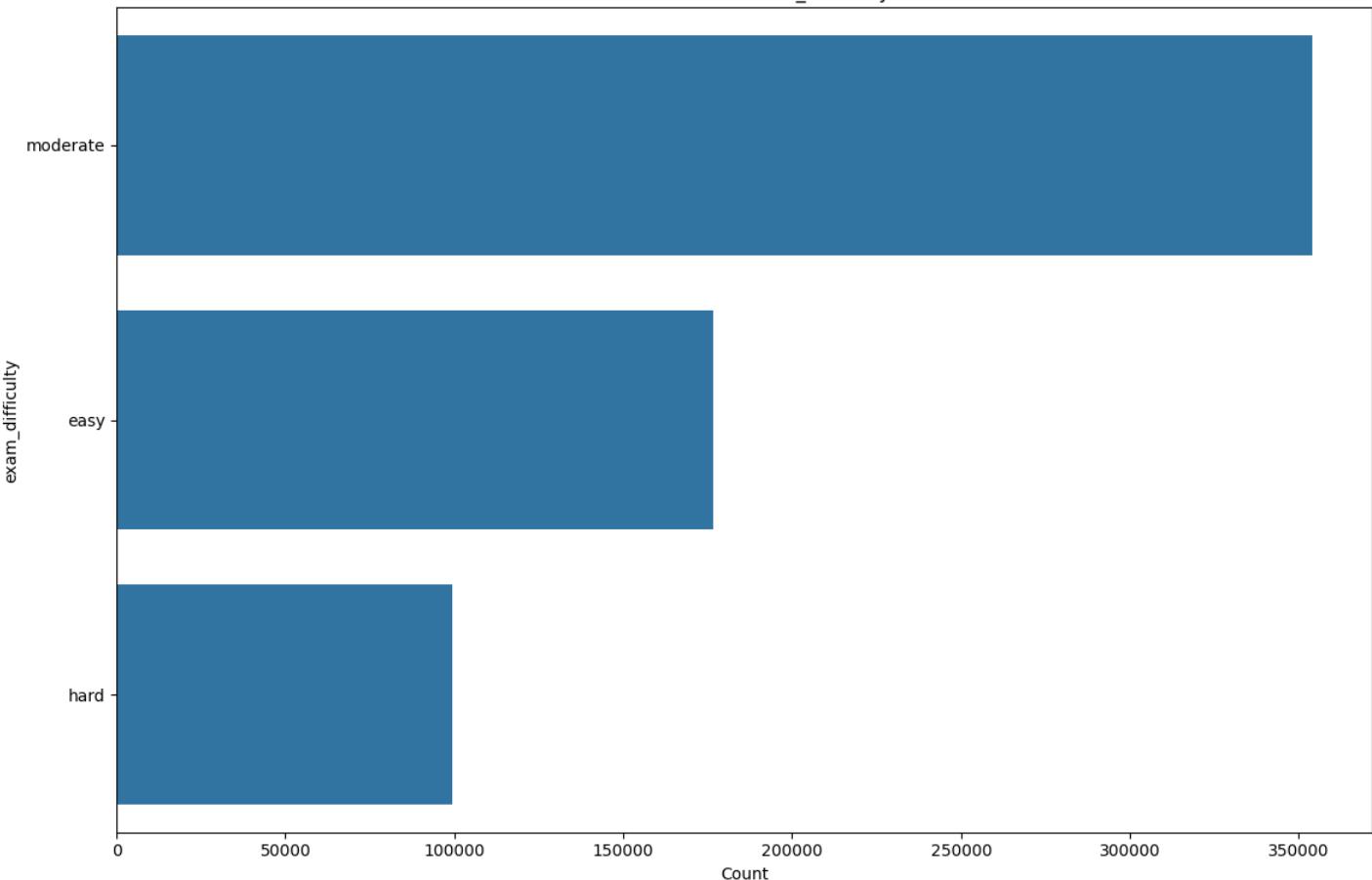


Figure: categorical dist exam difficulty

Exploratory Data Analysis Report

Distribution of exam_difficulty



Exploratory Data Analysis Report

Numerical Features vs. Target

Figure: numerical vs target age

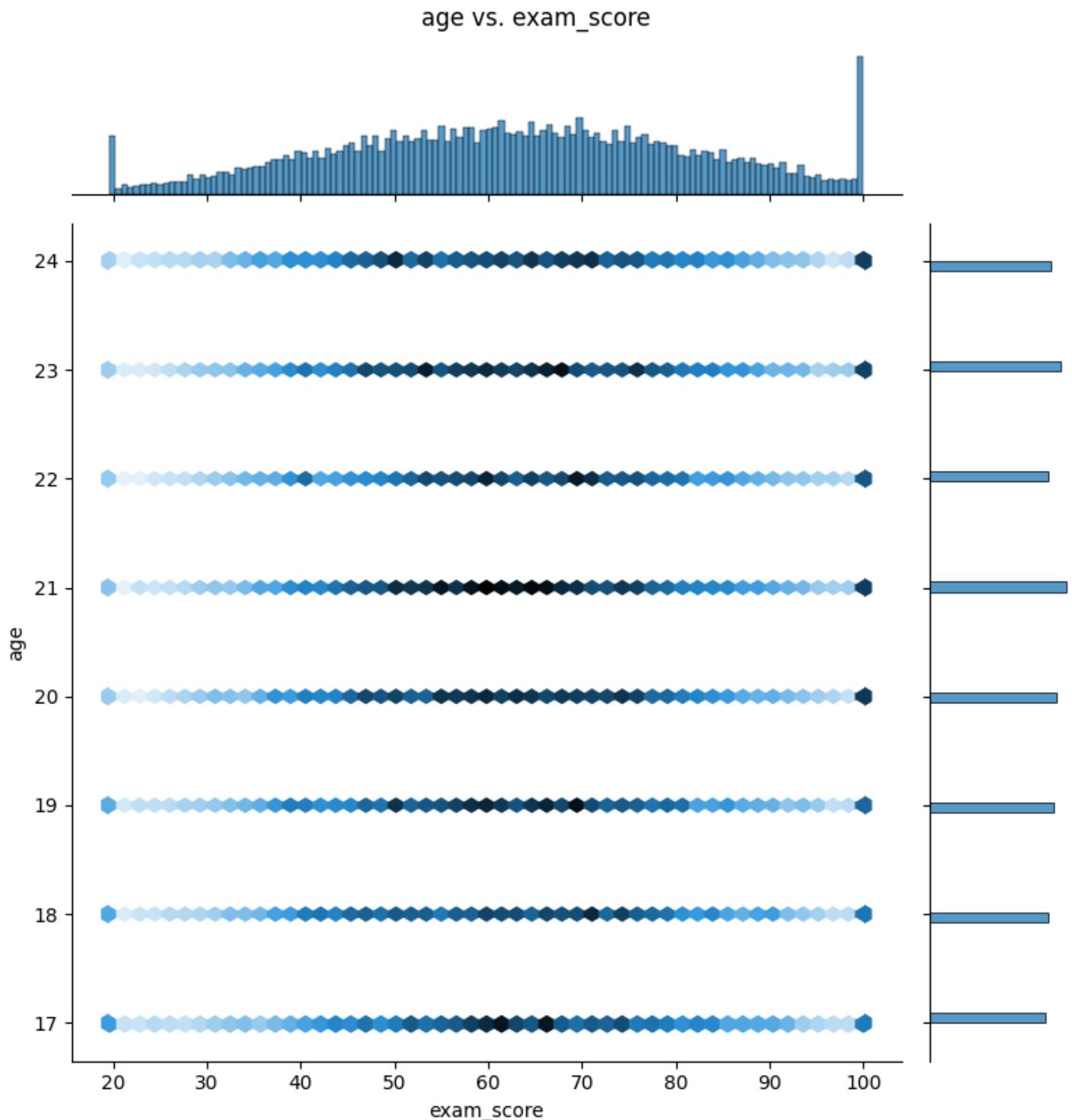


Figure: numerical vs target study hours

Exploratory Data Analysis Report

study_hours vs. exam_score

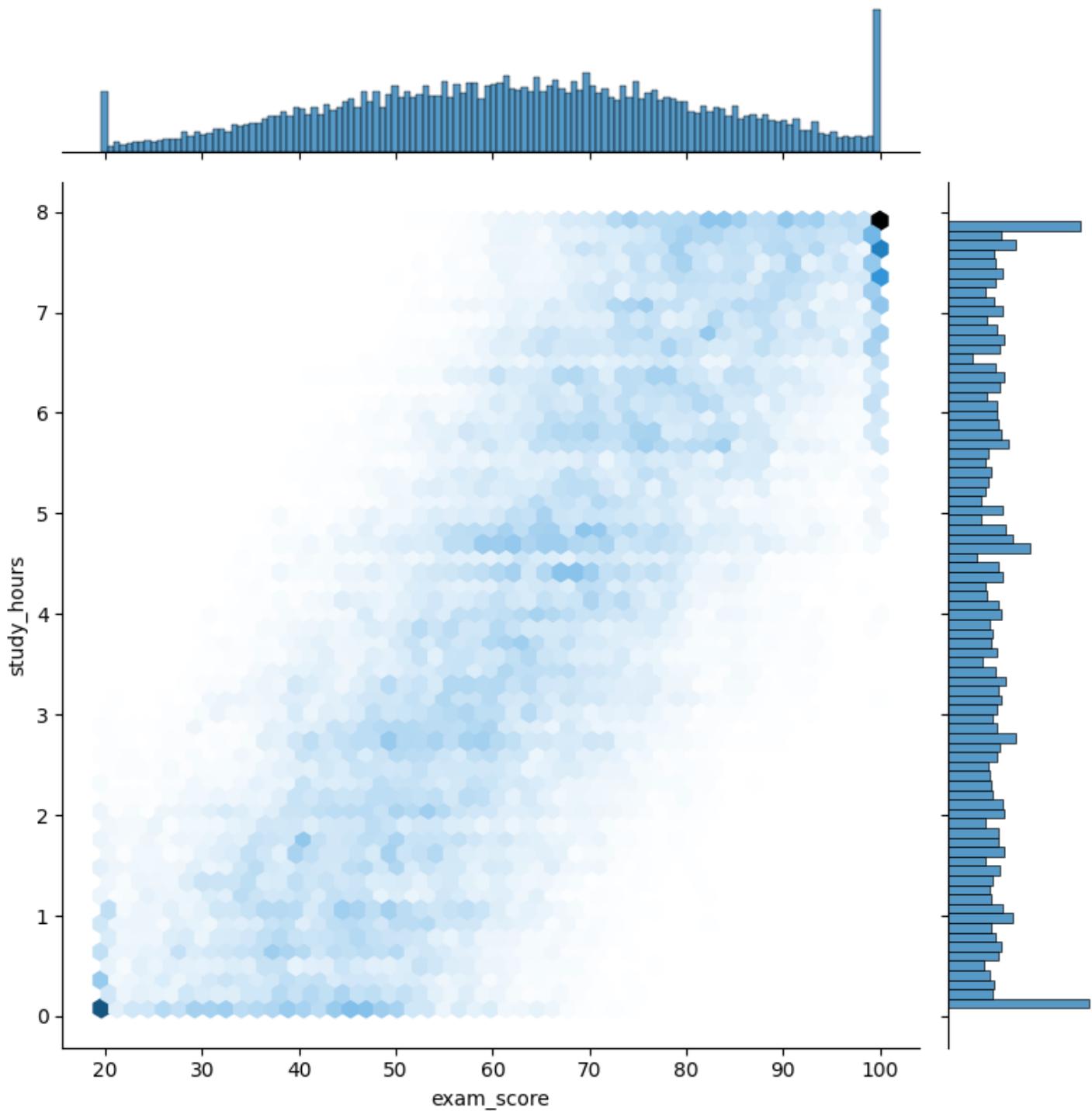


Figure: numerical vs target class attendance

Exploratory Data Analysis Report

class_attendance vs. exam_score

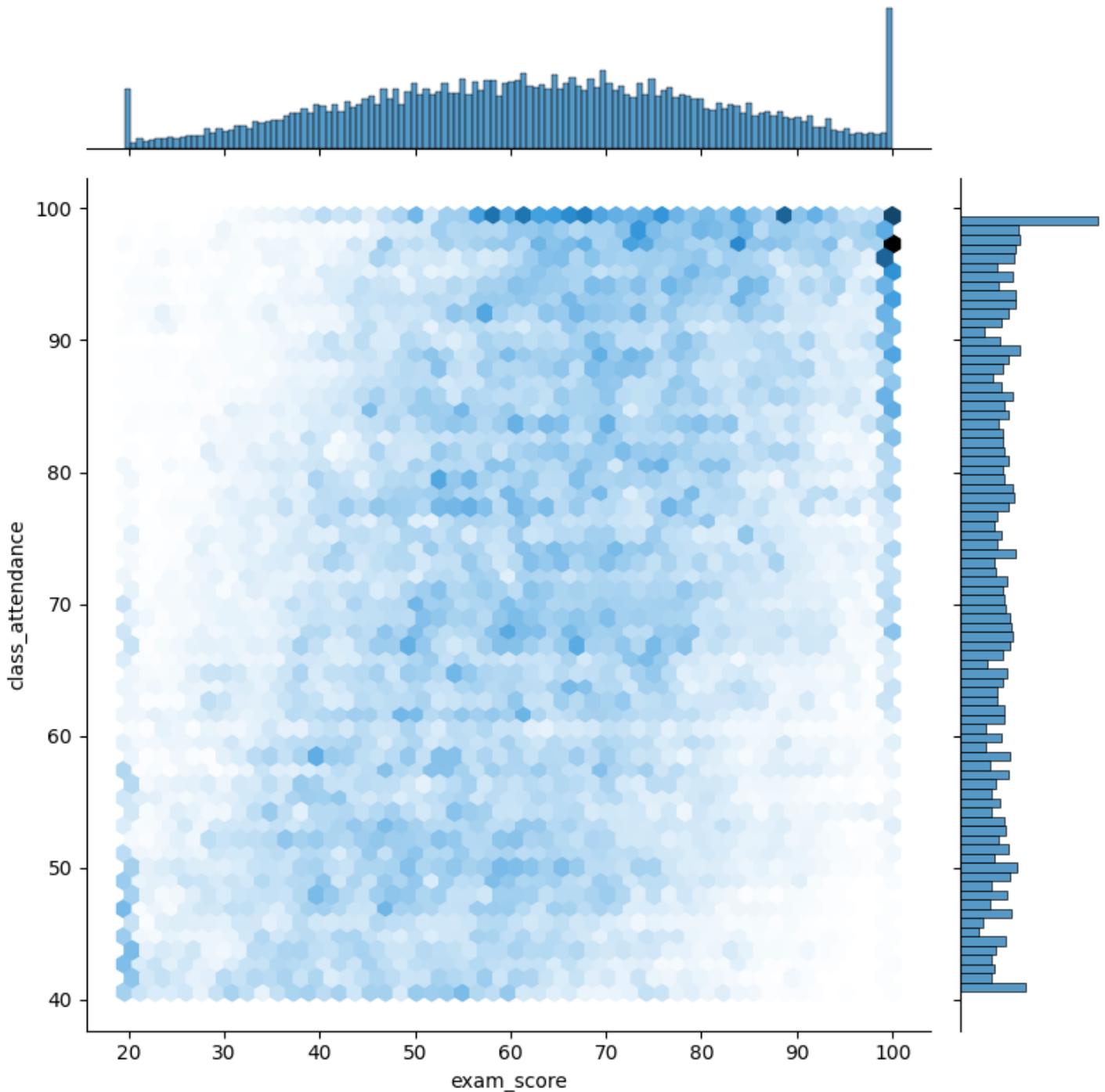
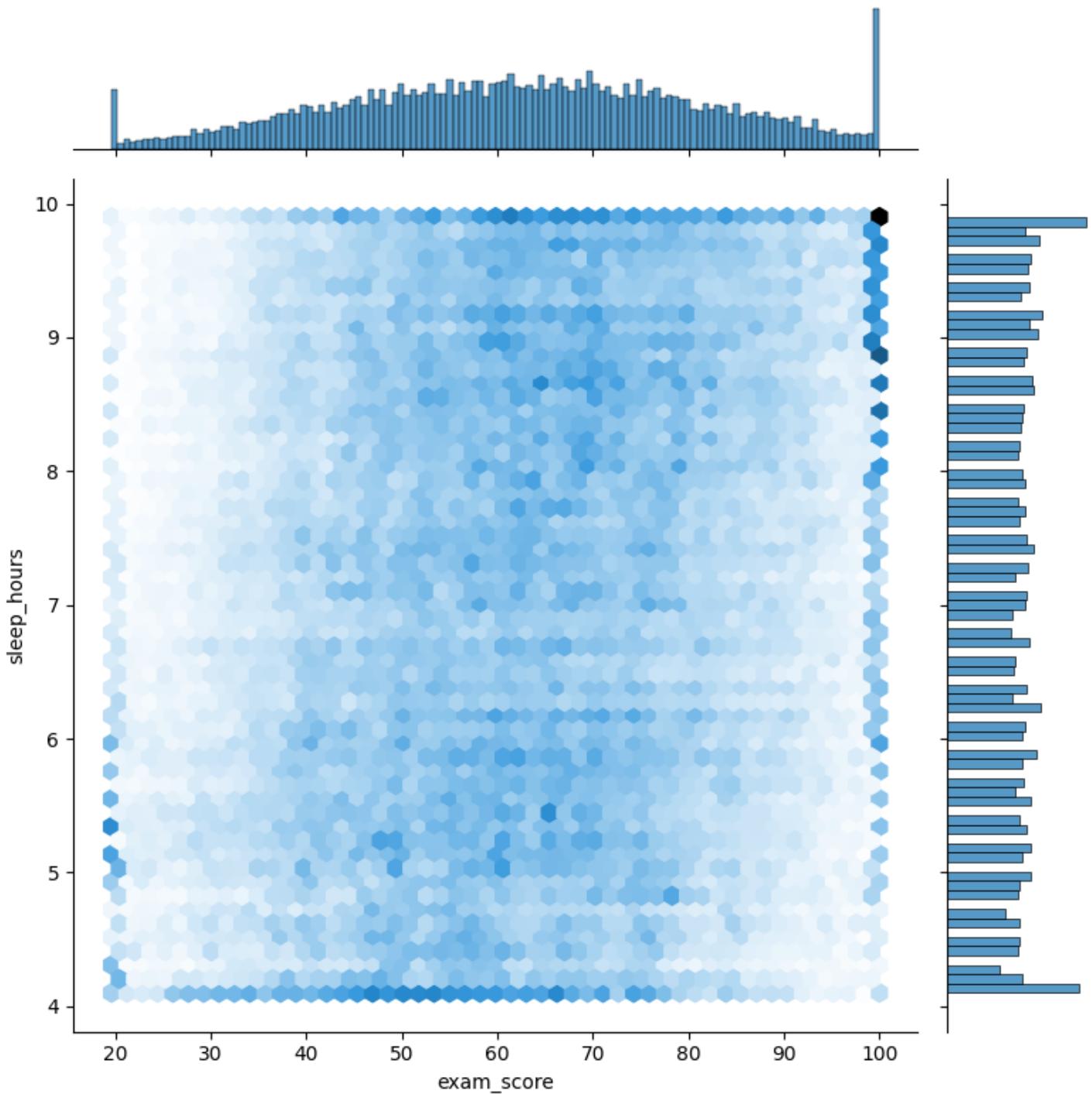


Figure: numerical vs target sleep hours

Exploratory Data Analysis Report

sleep_hours vs. exam_score



Exploratory Data Analysis Report

Categorical Features vs. Target

Figure: categorical vs target gender

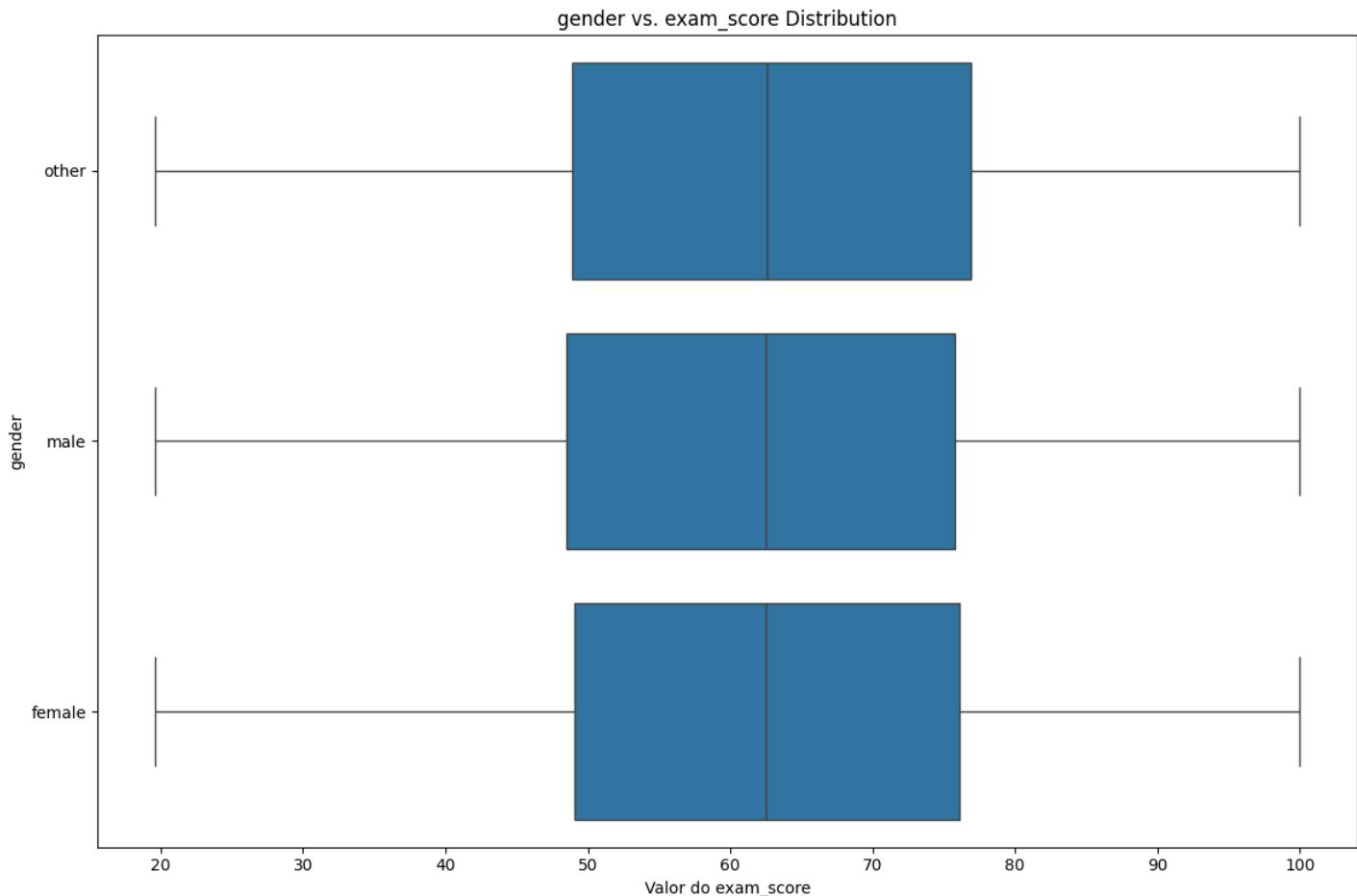


Figure: categorical vs target course

Exploratory Data Analysis Report

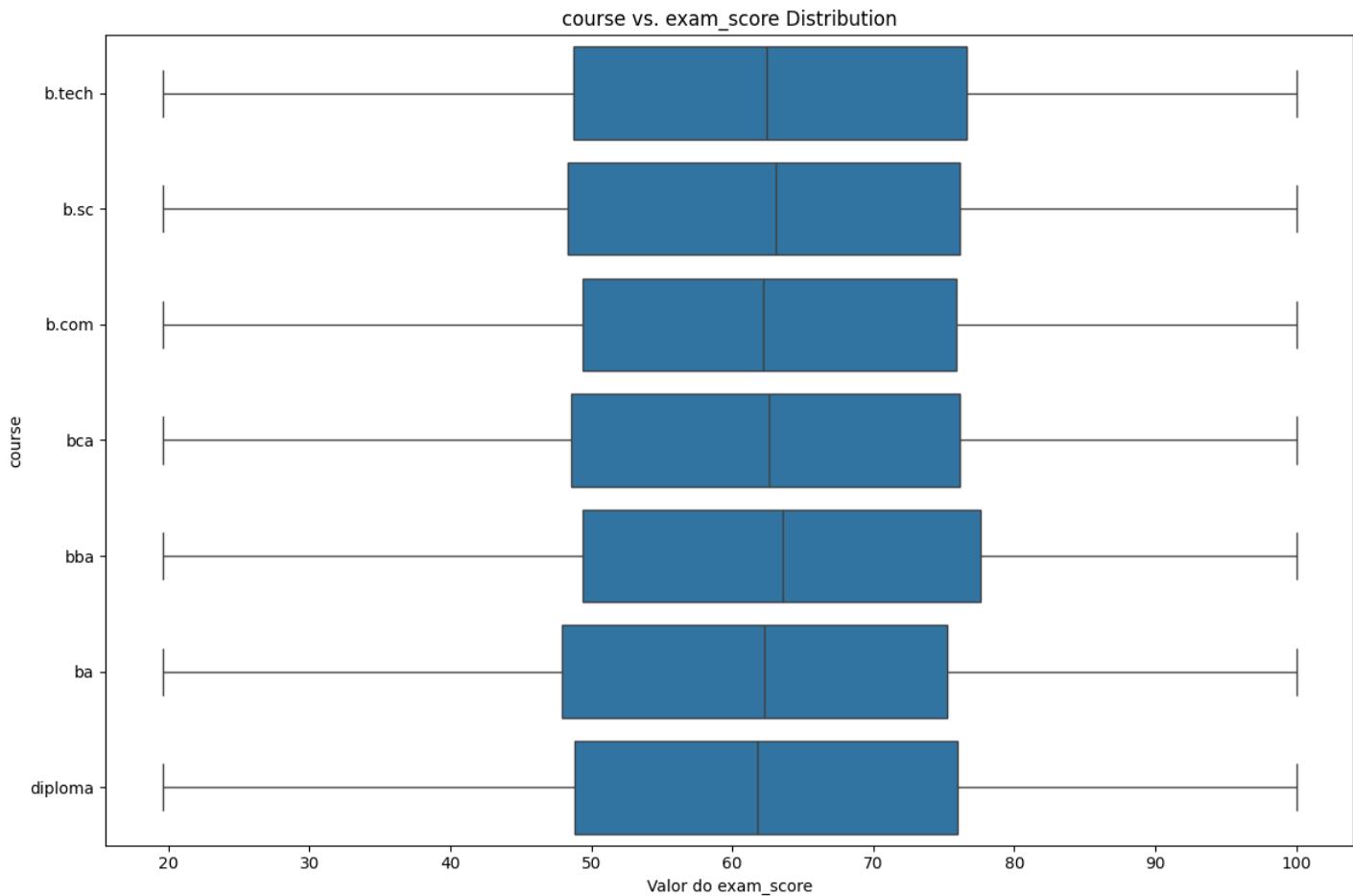


Figure: categorical vs target internet access

Exploratory Data Analysis Report

internet_access vs. exam_score Distribution

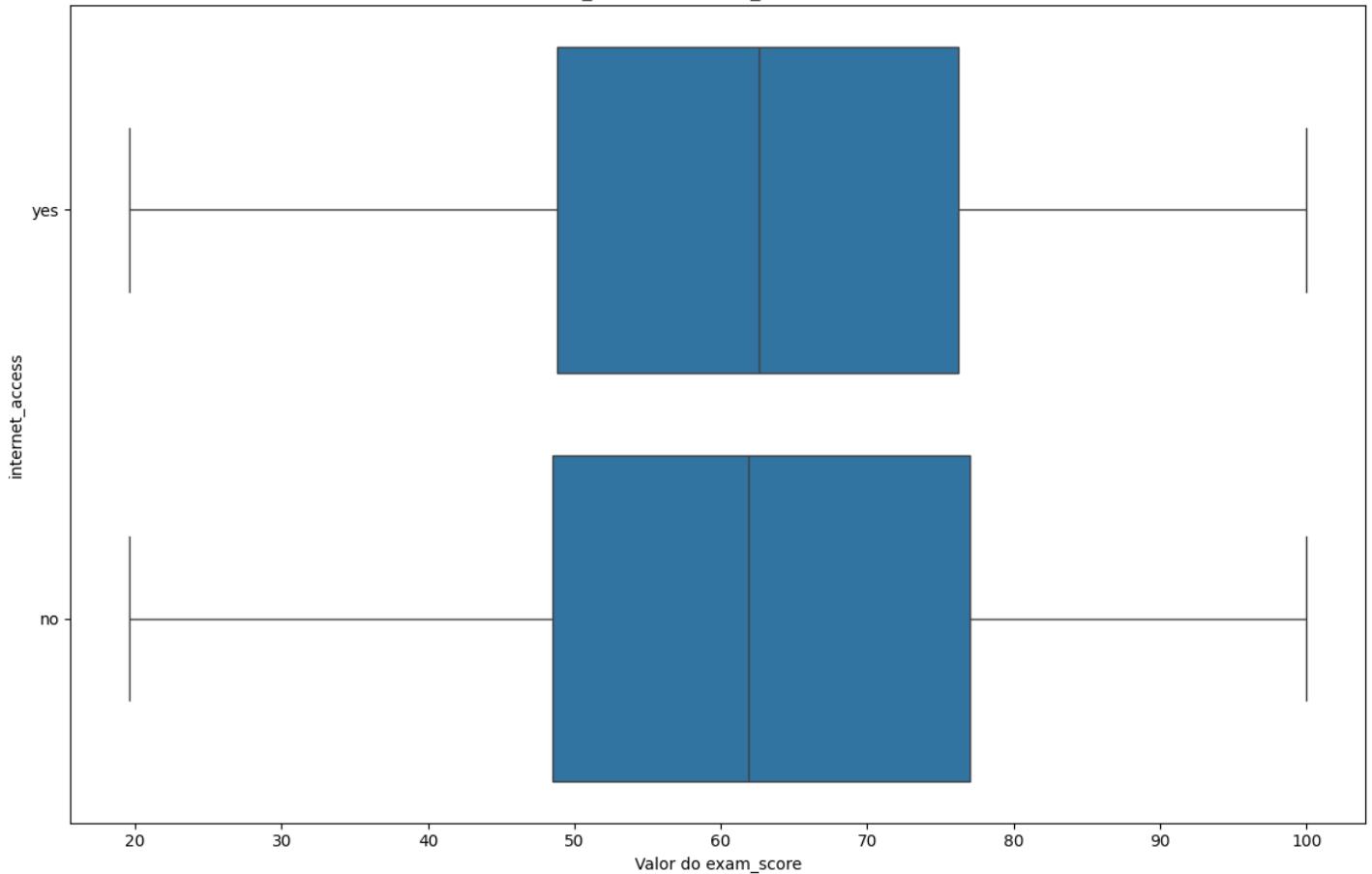


Figure: categorical vs target sleep quality

Exploratory Data Analysis Report

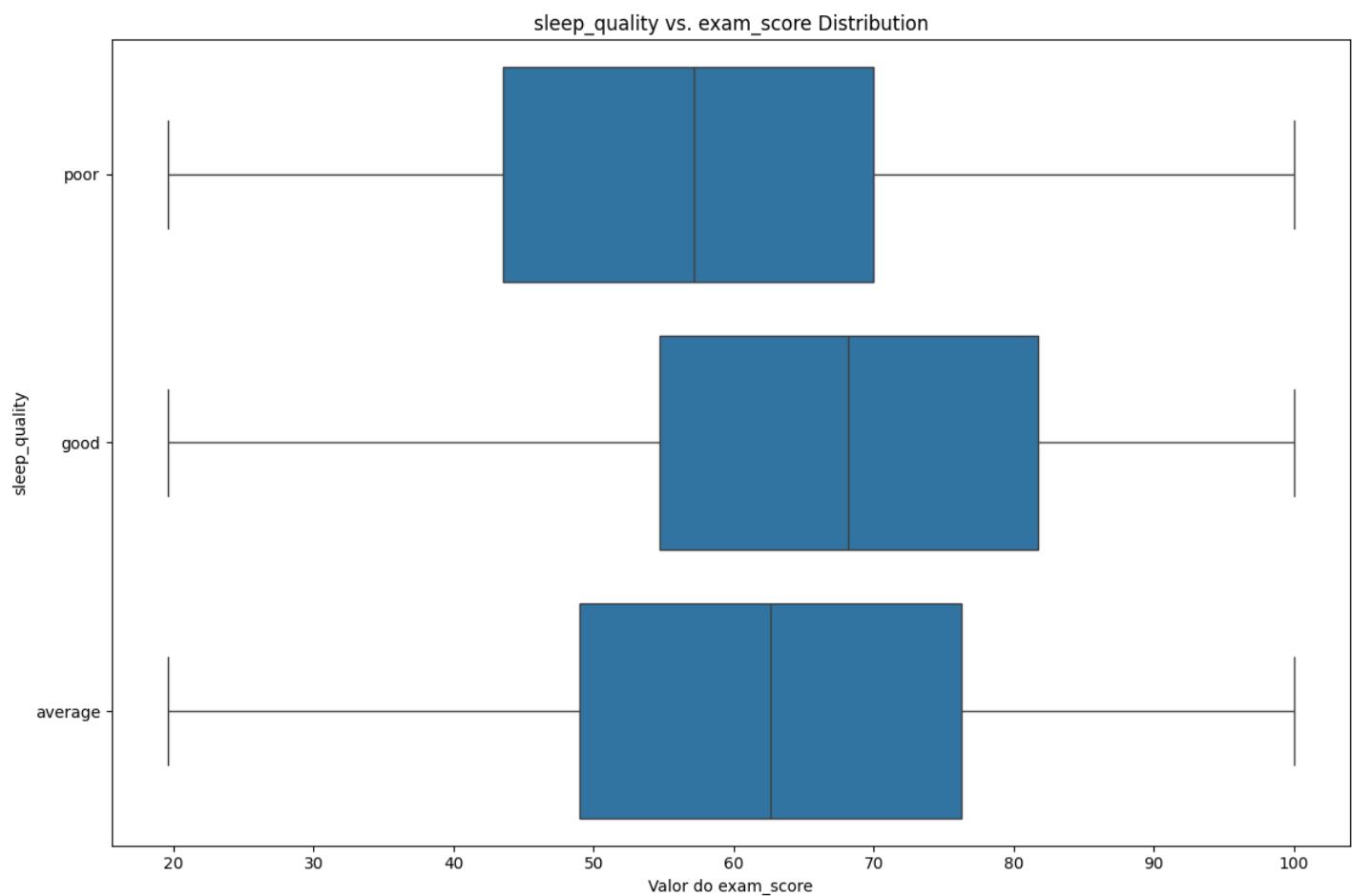


Figure: categorical vs target study method

Exploratory Data Analysis Report

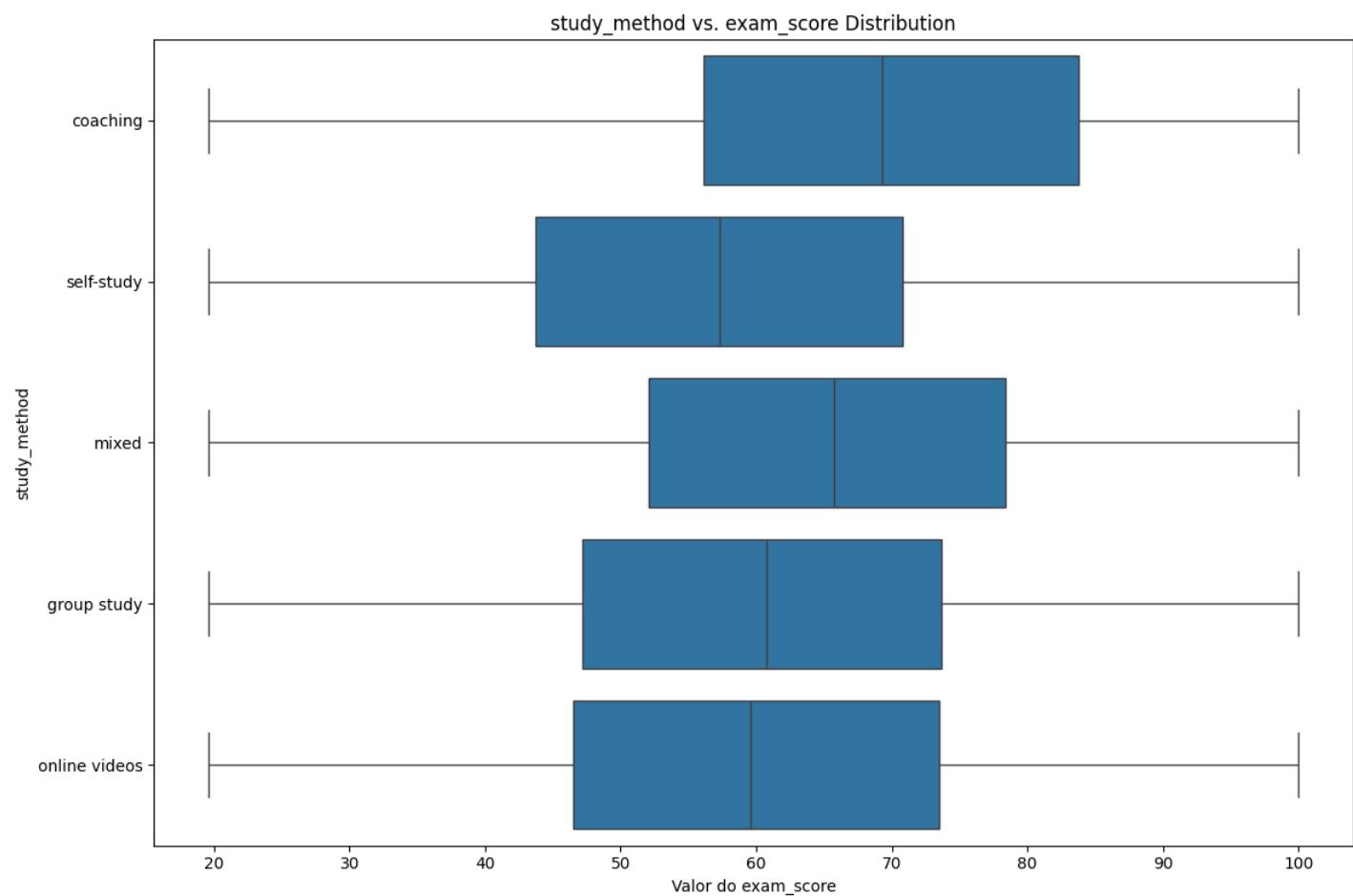


Figure: categorical vs target facility rating

Exploratory Data Analysis Report

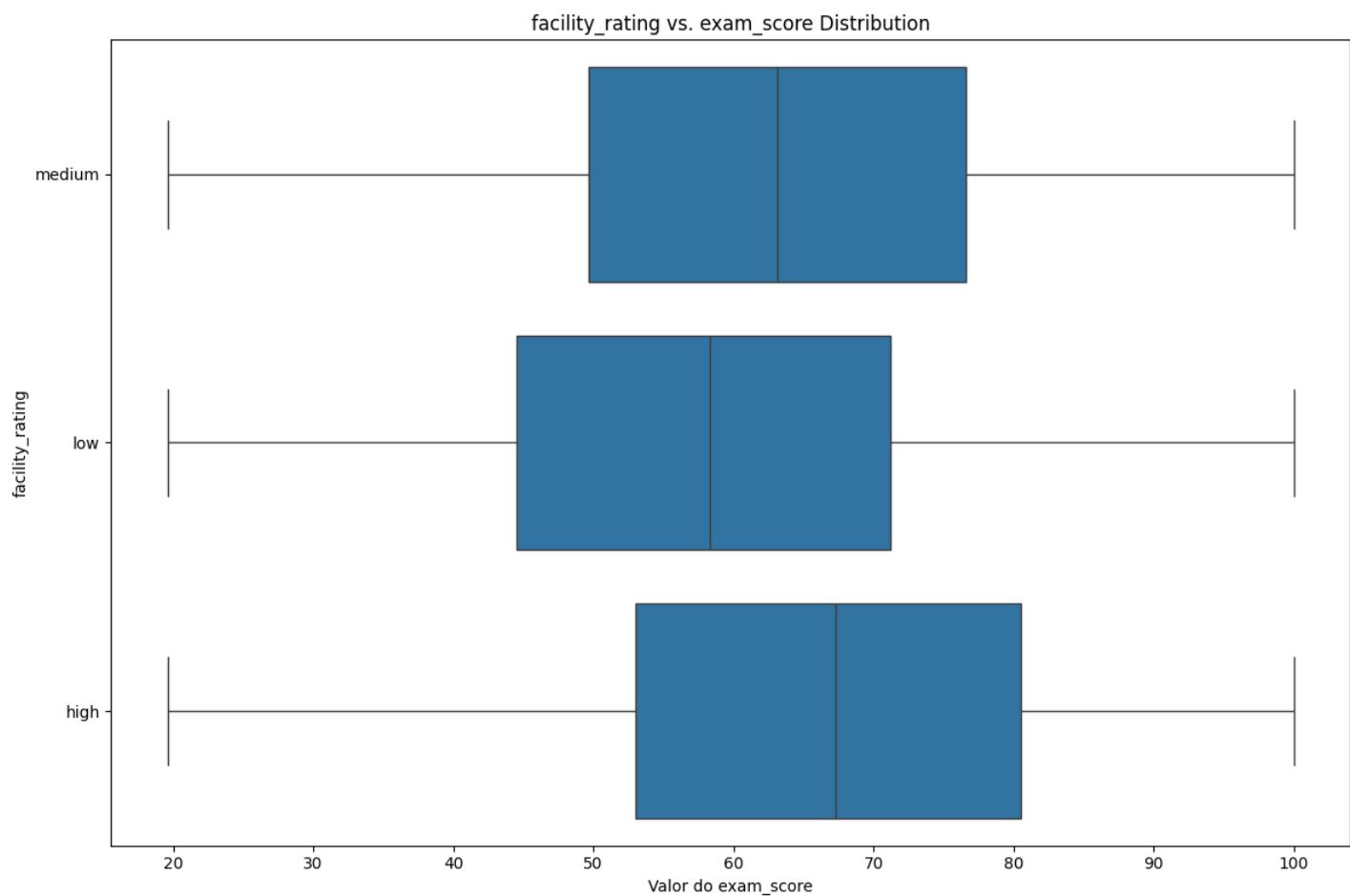
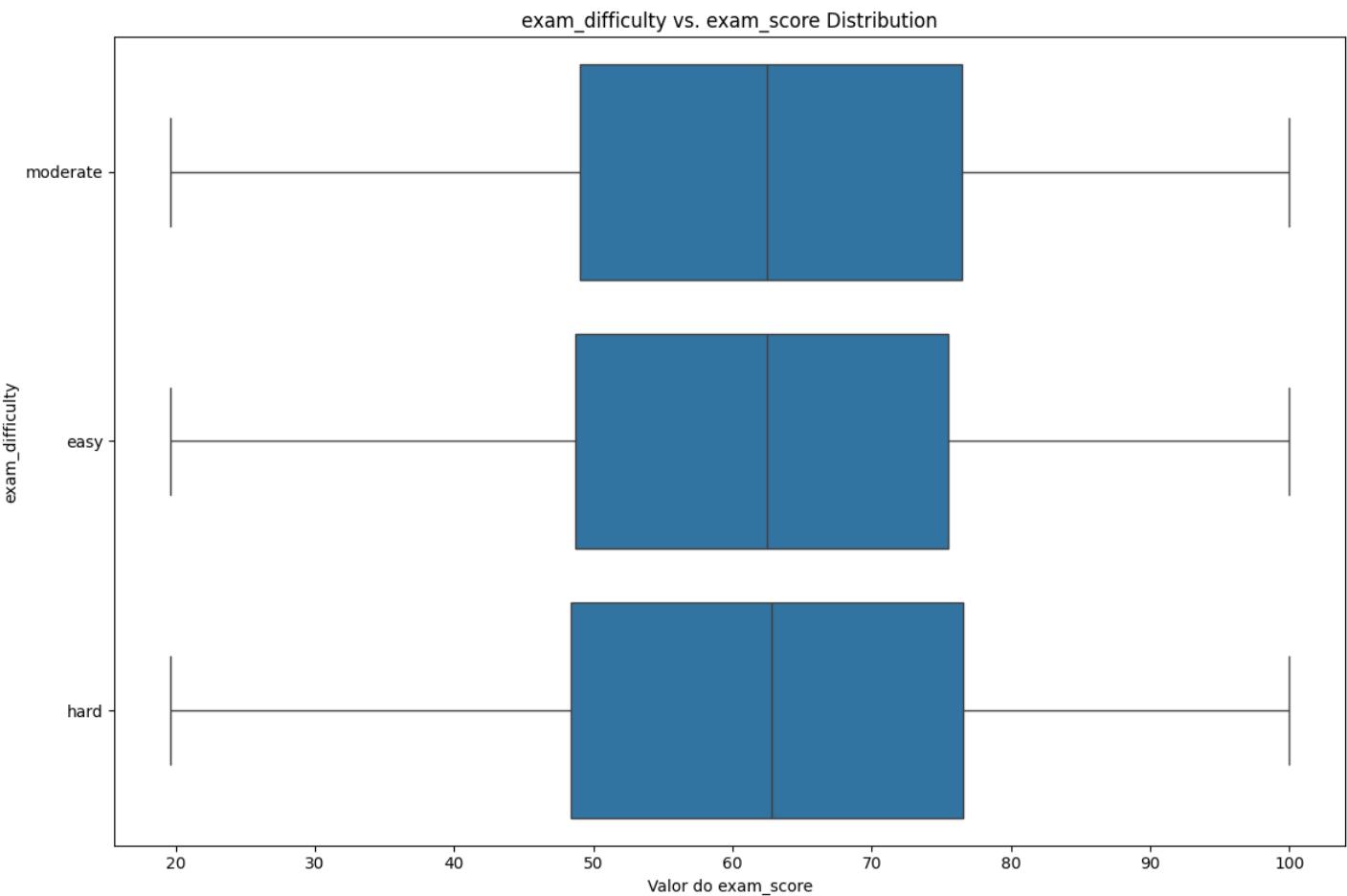


Figure: categorical vs target exam difficulty

Exploratory Data Analysis Report



Exploratory Data Analysis Report

Correlation Matrix

Figure: correlation matrix

