

[Home](#)[Dashboard](#)[Instruction to get API KEY](#)[Overview](#)[Data Report](#)[LIDA's functions](#)**LIDA Tasks**☒ Sections☒ Provider Instruction**Choose your provider and Enter API Key:**

Provider

Gemini

Gemini API key:

.....



Successfully connected to Gemini!

**Tasks:**

Functions:

Summarize &amp; Goal

# LIDA Tasks



Filter Instruction



Requirements

Instruction: ▾

Temperature

0.30

0.00

1.00

Select Model:

gemini-1.5-flash

Upload a data file in .csv format:



Drag and drop file here

Limit 200MB per file • CSV

Browse files



student\_admission\_record\_dirty.csv 6.7KB



Successfully uploaded a CSV file with 157 rows of data.

	Name	Age	Gender	Admission Test Score	High School Percentage	City	Admission Status
0	Shehroz	24	Female	50	68.9	Quetta	Rejected
1	Waqar	21	Female	99	60.73	Karachi	None
2	Bushra	17	Male	89	None	Islamabad	Accepted
3	Aliya	17	Male	55	85.29	Karachi	Rejected
4	Bilal	20	Male	65	61.13	Lahore	None

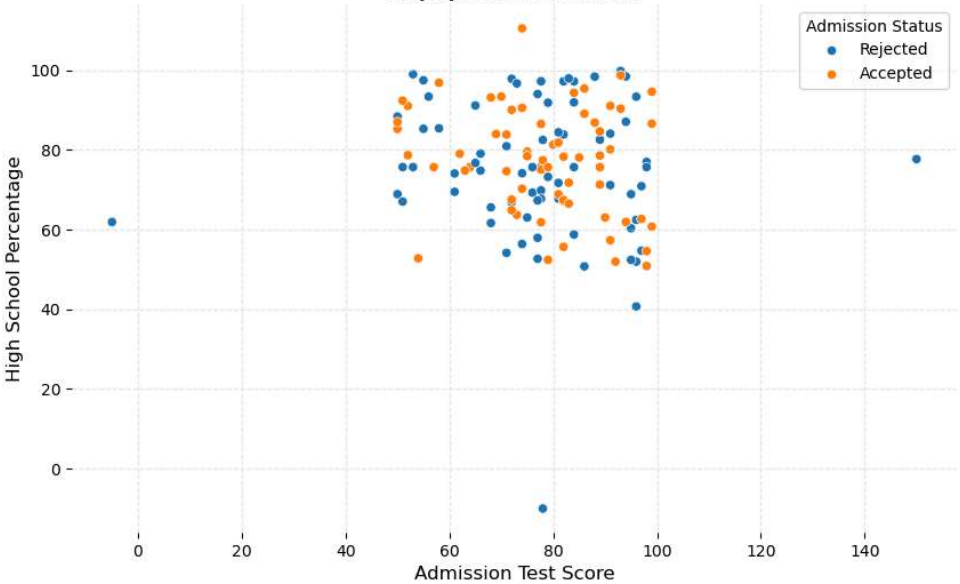
Data cleaned!

Generate Charts

✳ Insight 0:

<pre>main() Goal Goal(question='What is the correlation between Admission Test Score and High School Percentage, and how does this relationship vary by Admission Status?', visualization="Scatter plot of 'Admission Test Score' vs. 'High School Percentage', colored by 'Admission Status'", rationale="This visualization...")</pre>	
A visualization goal	
index int	0
question str	'What is the correlation between Admission Test Score and High School Percentage, and how does this relationship vary by Admission Status?'
rationale str	"This visualization will reveal the strength and direction of the linear relationship between the two scores. Color-coding by 'Admission Status' will show if the correlation differs for accepted and rejected applicants, potentially identifying thresholds or patterns in admission decisions."
visualization str	"Scatter plot of 'Admission Test Score' vs. 'High School Percentage', colored by 'Admission Status'"

What is the correlation between Admission Test Score and High School Percentage, and how does this relationship vary by Admission Status?



[Download Chart](#)

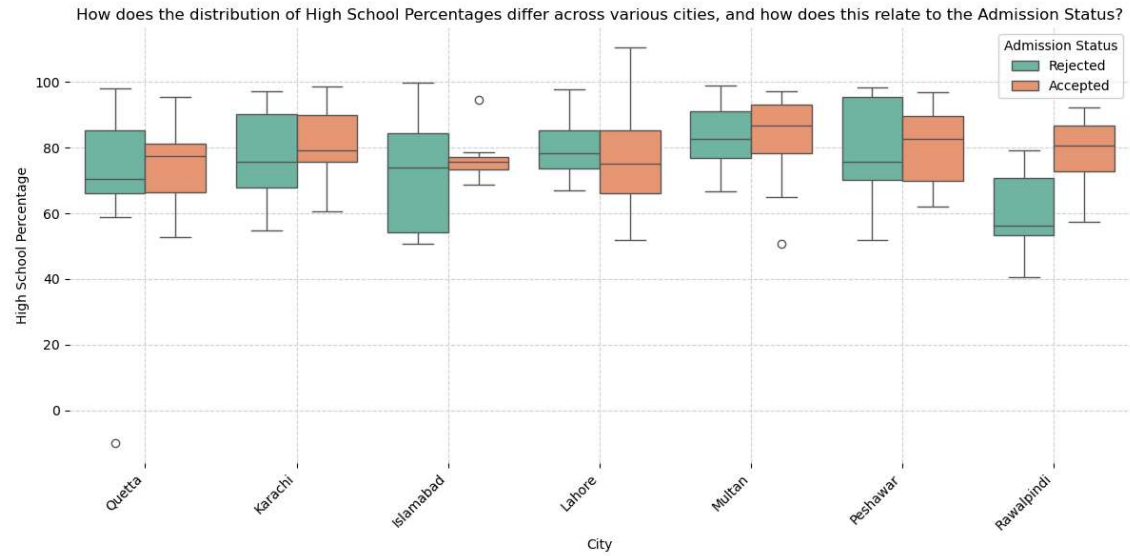
 VizOps ▾

✱ Insight 1:

```
main() Goal Goal(question='How does the distribution of High School Percentages differ across various cities, and how does this relate to the Admission Status?', visualization="Box plot of 'High School Percentage' grouped by 'City', with different colors representing 'Admission Status'", rationale='This will al...
```

A visualization goal

index <span>int</span>	1
question <span>str</span>	'How does the distribution of High School Percentages differ across various cities, and how does this relate to the Admission Status?'
rationale <span>str</span>	'This will allow for a comparison of the central tendency, spread, and potential outliers in high school percentages across different cities. The color-coding by admission status will highlight if certain cities show a higher acceptance rate despite similar high school percentage distributions.'
visualization <span>str</span>	"Box plot of 'High School Percentage' grouped by 'City', with different colors representing 'Admission Status'"



Download Chart

VizOps

## ✳ Insight 2:

```
main() Goal(Goal(question='What is the age distribution of applicants, and how does it differ based on gender and admission status?', visualization="Histogram of 'Age', faceted by 'Gender' and further faceted by 'Admission Status'", rationale='This will show the age distribution of applicants, highlighting pote...'))
```

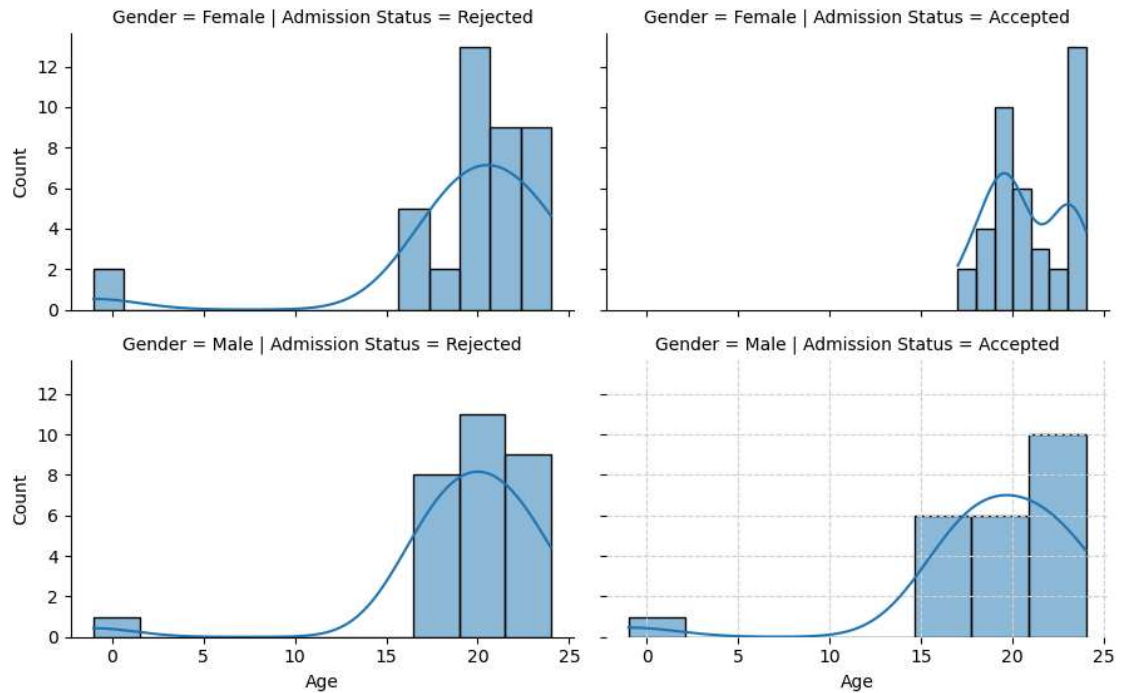
A visualization goal

index	int	2
question	str	'What is the age distribution of applicants, and how does it differ based on gender and admission status?'
rationale	str	'This will show the age distribution of applicants, highlighting potential differences between genders and acceptance rates. It will help identify if there are age-related biases in the admissions process.'

visualization `str`

"Histogram of 'Age', faceted by 'Gender' and further faceted by 'Admission Status'"

What is the age distribution of applicants, and how does it differ based on gender and admission status?


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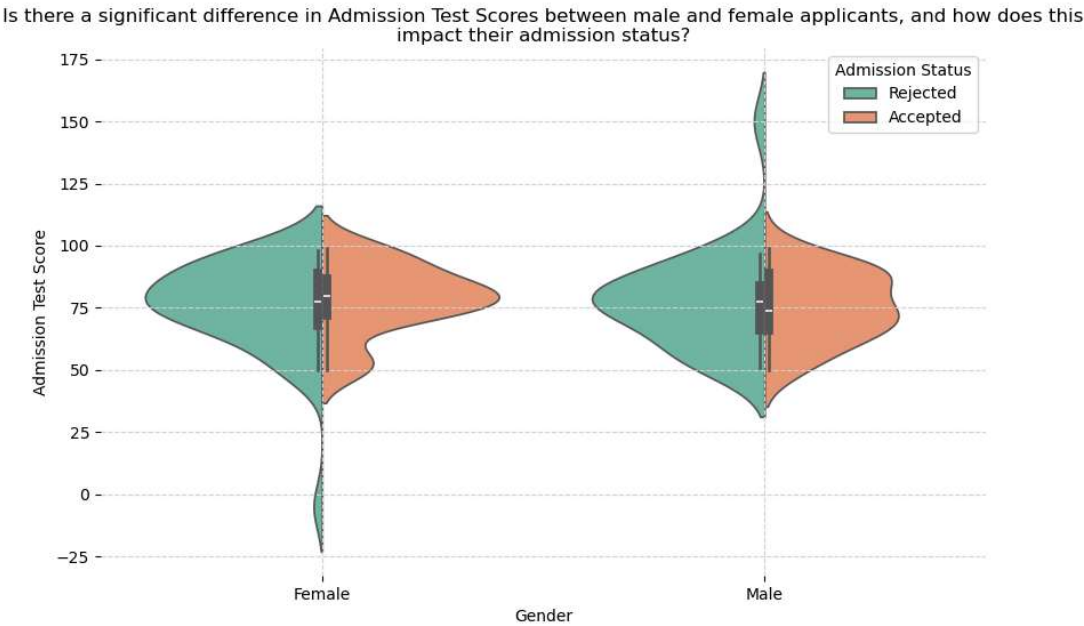
VizOps

### ✱ Insight 3:

```
main() Goal Goal(question='Is there a significant difference in Admission Test Scores
between male and female applicants, and how does this impact their admission status?',
visualization="Violin plot of 'Admission Test Score' grouped by 'Gender', split by
'Admission Status'", rationale="Violin plots effectively...
```

A visualization goal

index <span>int</span>	3
question <span>str</span>	'Is there a significant difference in Admission Test Scores between male and female applicants, and how does this impact their admission status?'
rationale <span>str</span>	"Violin plots effectively show the distribution and density of the test scores for each gender, allowing for a comparison of central tendencies and spread. Splitting by admission status will reveal if there's a gender disparity in acceptance rates even when controlling for test scores."
visualization <span>str</span>	"Violin plot of 'Admission Test Score' grouped by 'Gender', split by 'Admission Status'"



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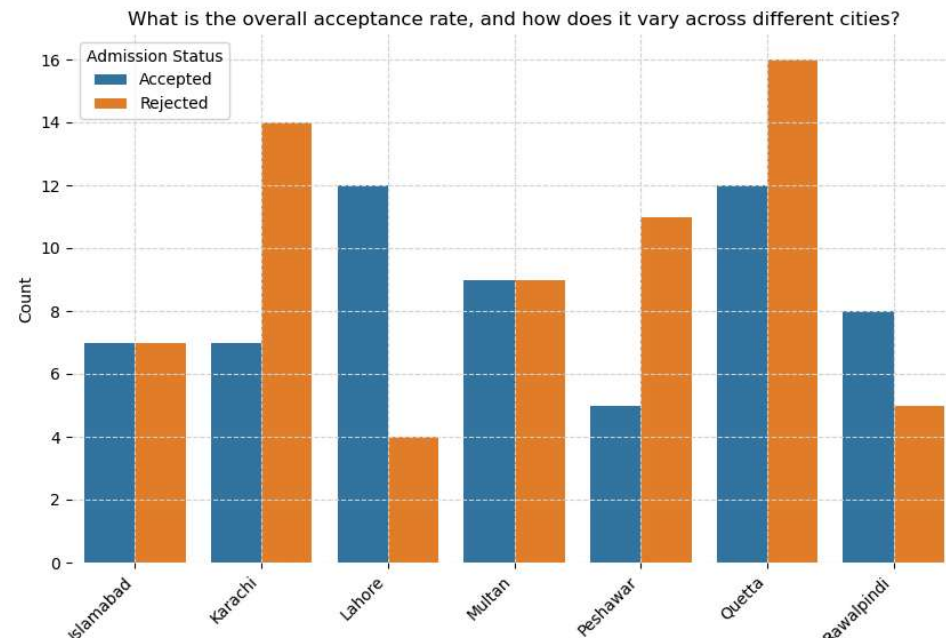
VizOps

### ✱ Insight 4:

```
main() Goal Goal(question='What is the overall acceptance rate, and how does it vary
across different cities?', visualization="Bar chart showing the count of 'Admission
Status' (Accepted/Rejected) for each 'City'", rationale='This provides a clear and
concise overview of the acceptance rates in each city. It h...
```

A visualization goal

index	int	4
question	str	'What is the overall acceptance rate, and how does it vary across different cities?'
rationale	str	'This provides a clear and concise overview of the acceptance rates in each city. It helps identify if geographical location plays a role in admission decisions.'
visualization	str	"Bar chart showing the count of 'Admission Status' (Accepted/Rejected) for each 'City'"



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