NTViz

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☑️ Provider Instruction

Choose your provider and Enter API Key:

Provider

Gemini ⌄

Gemini API key:

•••••••••••••••••••••••••••••• 👁

Successfully connected to Gemini!

Tasks:

Functions:

Summarize & Goal ⌄

LIDA Tasks

🧩 Filter Instruction   🔴 Requirements

Instruction: ⌄

Temperature
`0.00`
🔘
`0.00`   `1.00`

Select Model:

gemini-1.5-flash   ⌄

Upload a data file in .csv format:

☁️   **Drag and drop file here**   Browse files
     Limit 200MB per file • CSV

📄   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:

```
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...
```

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 admissions 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?
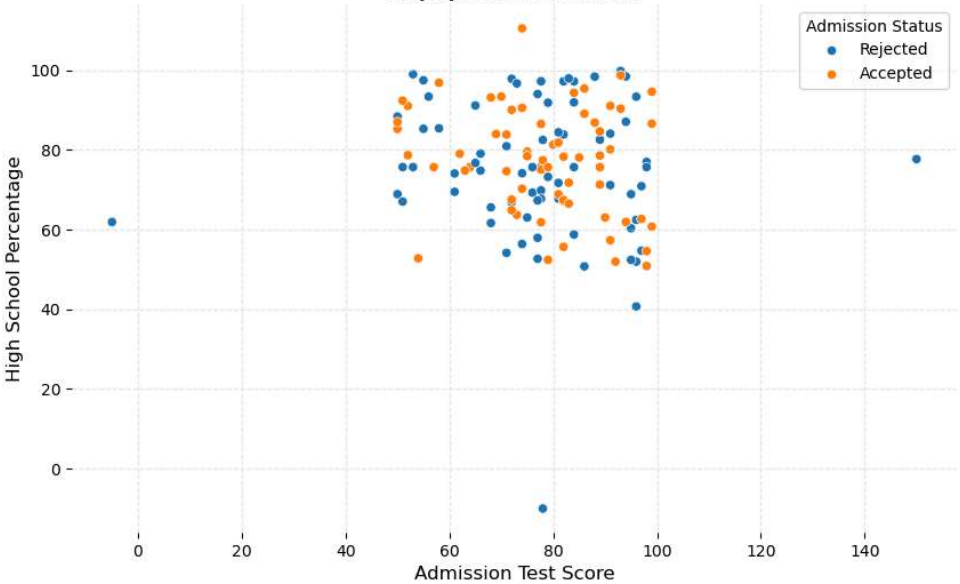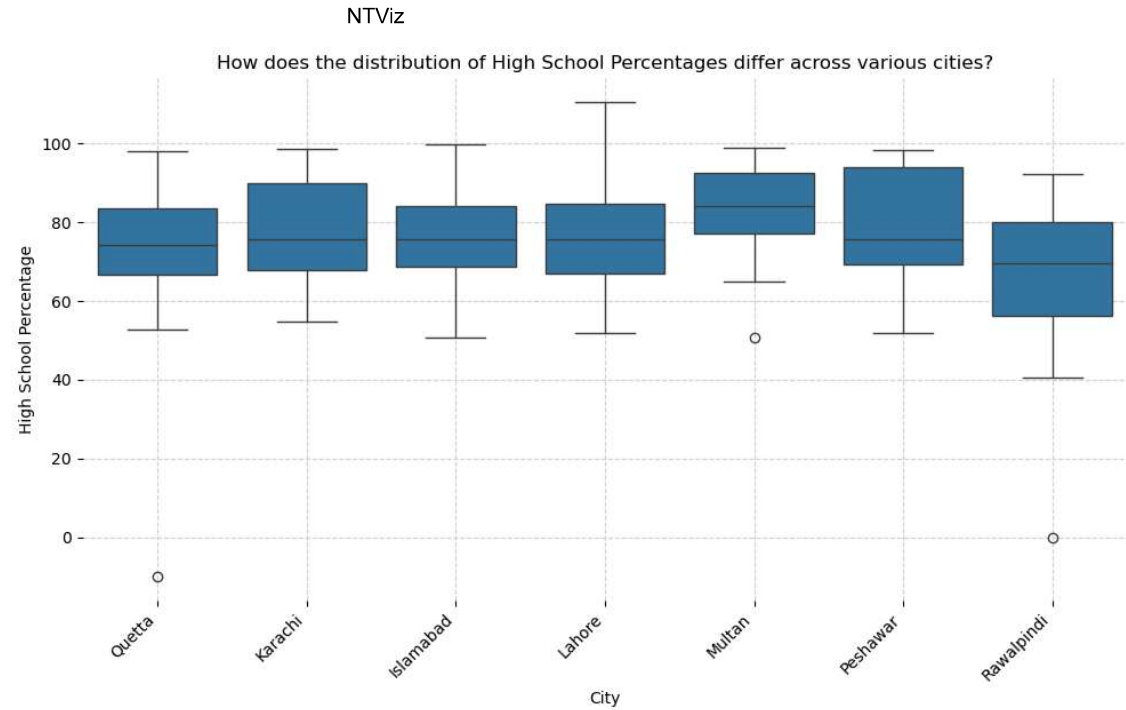
˚⋆ʃⱺ•ᵕ•ʔᘛ Download Chart ˚⋆

⚙ VizOps ⌄

✷ **Insight 1:**

```
main() Goal Goal(question='How does the distribution of High School Percentages differ
across various cities?', visualization="Box plot of 'High School Percentage' grouped by
'City'", rationale='This will allow for a comparison of the central tendency, spread,
and potential outliers in high school percentages a...
```

A visualization goal	
index `int`	1
question `str`	'How does the distribution of High School Percentages differ across various cities?'
rationale `str`	'This will allow for a comparison of the central tendency, spread, and potential outliers in high school percentages across different cities. It helps identify if there are significant variations in academic performance based on geographic location.'
visualization `str`	"Box plot of 'High School Percentage' grouped by 'City'"

How does the distribution of High School Percentages differ across various cities?

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⚙ 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 'Admission Status'", rationale='This will provide insights into
the age demographics of applicants and whether there ar...
```
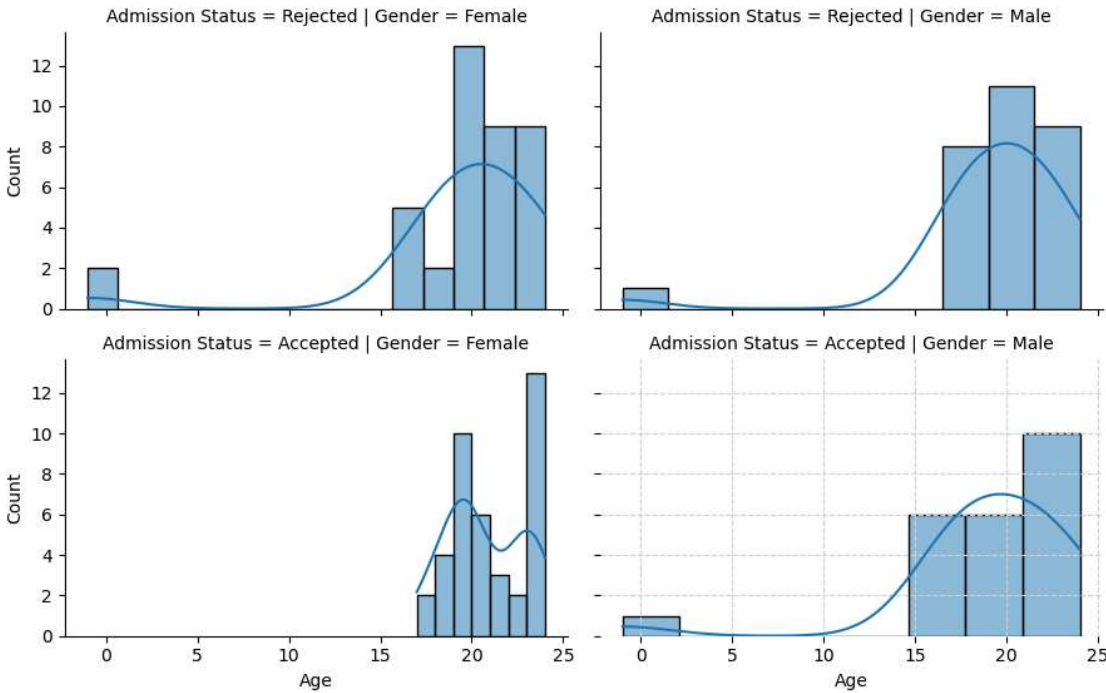
A visualization goal

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 provide insights into the age demographics of applicants and whether there are any gender or admission status biases in age

	distribution. Faceting allows for a direct comparison across these categories.'
visualization `str`	"Histogram of 'Age', faceted by 'Gender' and 'Admission Status'"

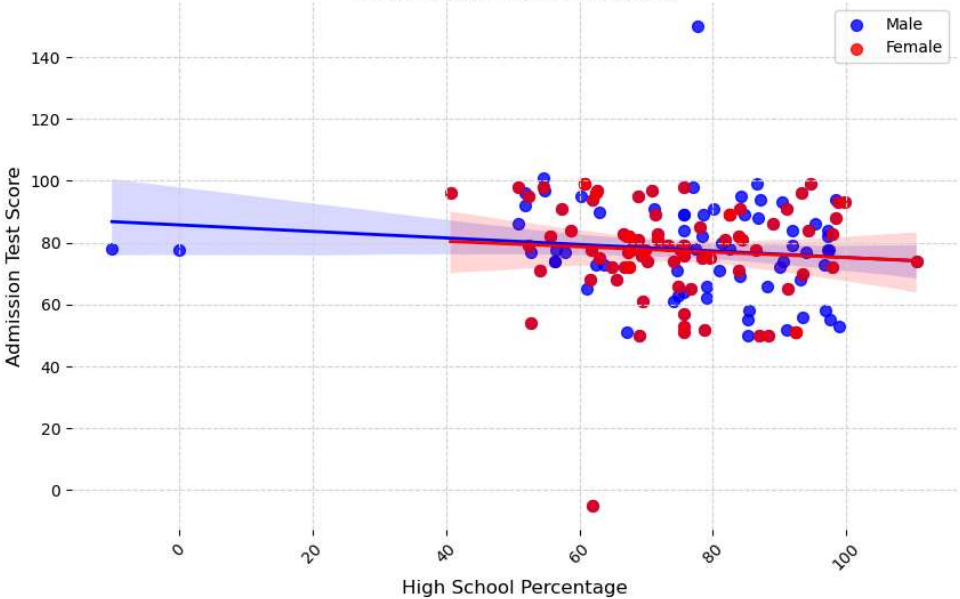**What is the age distribution of applicants, and how does it differ based on gender and admission status?**

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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, considering the impact of High School Percentage?', visualization="Scatter plot of 'Admission Test Score' vs. 'High School Percentage', points colored by 'Gender' and potentially using regre...

A visualization goal

index `int`	3
question `str`	'Is there a significant difference in Admission Test Scores between male and female applicants, considering the impact of High School Percentage?'
rationale `str`	"This will help determine if there's a gender gap in admission test scores, controlling for the influence of high school performance. Regression lines can highlight potential differences in the relationship between test scores and high school percentage for males and females."
visualization `str`	"Scatter plot of 'Admission Test Score' vs. 'High School Percentage', points colored by 'Gender' and potentially using regression lines for each gender."

Is there a significant difference in Admission Test Scores between male and female applicants, considering the impact of High School Percentage?
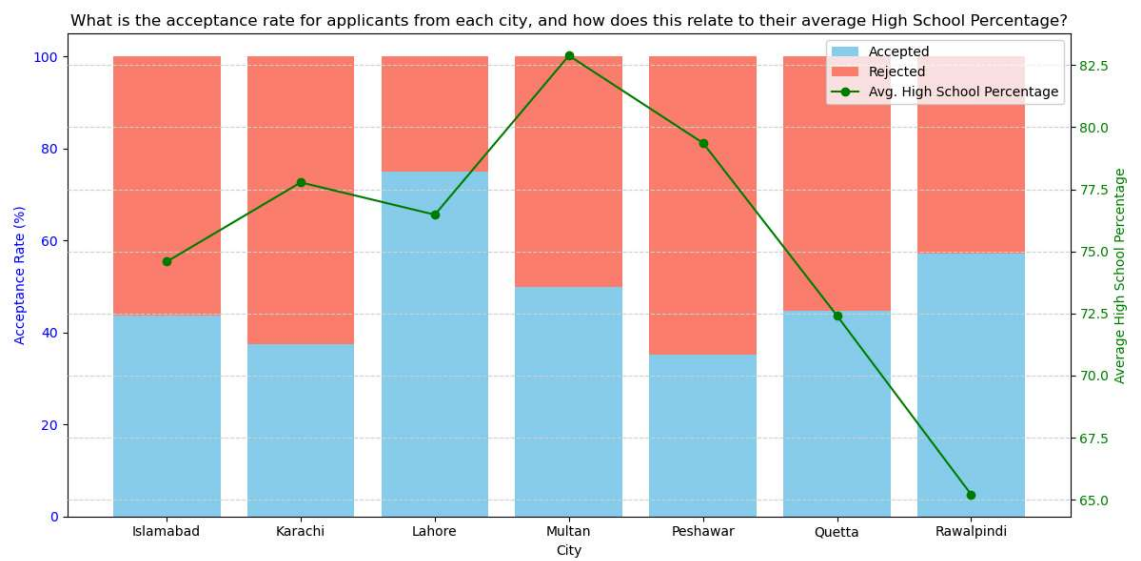
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✸ Insight 4:

main() Goal Goal(question='What is the acceptance rate for applicants from each city, and how does this relate to their average High School Percentage?', visualization="Bar chart showing acceptance rate ('Admission Status' count per city) alongside a line graph showing average 'High School Percentage' per city....

A visualization goal	
index int	4
question str	'What is the acceptance rate for applicants from each city, and how does this relate to their average High School Percentage?'
rationale str	"This combined visualization will reveal potential geographic biases in admissions. It shows the acceptance rate for each city and overlays the average high school percentage to see if there's a correlation between high school performance and acceptance rates across different cities."
visualization str	"Bar chart showing acceptance rate ('Admission Status' count per city) alongside a line graph showing average 'High School Percentage' per city."

What is the acceptance rate for applicants from each city, and how does this relate to their average High School Percentage?

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