
Slide 1 – Title: "WedWise – Smart Venue Choices"

- **Meaning**: The project name suggests a wise, data-driven method to select wedding venues.
- **Presented by**: Ruchita Patil.

Slide 2 – How Did I Choose This Topic?

- There's was story about choosing this topic that I told while presenting this project
- I would suggest explain this with your story telling talent

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Slide 3 – About Me

- **Background**:
    - B.Tech in AI
    - Pursuing Data Science at Innomatics
- **Skills**: Python, ML, DL, data scraping
- **Profiles**: GitHub and LinkedIn links

Slide 4 – Problem Statement

- **Key Problems**:
    - Too many listings = decision fatigue
    - Unclear which venue attributes truly matter
- **Insight**: There's a gap between what users see and what drives popularity.

Slide 5 – Objective

- To find what makes a wedding venue popular.
- To offer insights that:
    - Help users pick better venues
    - Help venue owners improve services

    - Help platforms recommend better

Slide 6 – Web Scraping Process

- **Steps followed**:
    - Inspected website structure
    - Extracted relevant tags (venue info)
- **Libraries used**: requests, bs4, pandas, matplotlib, seaborn
- **Source**: https://www.wedmegood.com/

Slide 7 – After Scraping / Before EDA DataFrame

- Visual shows raw data post-scraping.
- Insight: Unclean data with embedded text, inconsistent formats.

Slide 8 – After EDA DataFrame

- Visual shows cleaned version.
- Insight: Now structured and analysis-ready.

Slide 9 – Division of Features

- **Numerical**: Ratings, Reviews, Price, Rooms, Pax Min/Max, Amenities Count
- **Categorical**: Name, Type, Destination
- Insight: Balanced mix of quantitative and qualitative features.

Slide 10 – Types of Venues

- Lists categories: Banquet Halls, Resorts, 5-Star Hotels, etc.
- Insight: Offers segmentation options in analysis.

Slide 11 – Univariate Graphs on Numerical Columns

- One-variable distribution plots.

- Insight: Initial distribution trends and potential outliers.

Slide 12 – Before & After Handling Outliers

- **Left**: Raw data
- **Right**: Cleaned via IQR or similar method
- Insight: Highlights need and effect of outlier removal.

Slide 13 – Count of Venues by Destination

- Bar chart or countplot
- Insight: Shows which cities have the most venues (NCR, Pune, etc.)

Slides 14–19 – Bivariate Analysis

- Comparisons between two features:
    - **Menu Price vs Destination**
    - **Reviews vs Type**
    - **Menu Price vs Type**
    - **Amenities vs Type**
    - **Rooms vs Type**
    - **Rooms vs Destination**
- Insight: Identify which cities or types are premium, value for money, or popular.

Slide 20 – Heatmap on Destination vs Type

- Color-coded matrix of venue types per city.
- Insight: Which types are concentrated in which destination (e.g., Jaipur = palaces, NCR = banquet halls).

Slides 21–24 – More Bivariate Analysis

- **Reviews vs Pax Max**

- **Reviews vs Amenities**
- **Menu Price vs Pax Max**
- **Menu Price vs Amenities**
- Insight:
    - Larger venues don't always mean more reviews.
    - Amenities affect price but not always user perception.

Slide 25 – Grouped Bar Plot (Price & Amenities by Destination)

- Compare average price & amenities across cities.
- Insight: Urban cities (Delhi, Pune) have higher prices and amenities.

Slide 26 – Combo Chart of Menu Price & Reviews by Names

- Dual-axis chart per venue.
- Insight:
    - High price ≠ high review.
    - Balanced options exist with both decent price and high reviews.

Slide 27 – Conclusion

- 🔸 **High Price ≠ High Reviews**
    - E.g., The Gulmohar has high cost, low reviews.
- 🔸 **Balanced Choices Win**
    - E.g., Maan Palace is affordable & well-reviewed.
- 🔸 **Destination-Amenity Correlation**
    - Urban areas offer more features but don’t always convert to popularity.
- ✅ **Final Thought**: Smart choice = value + experience + visibility, not just cost.

Slide 28 – Q&A

- Prompt for audience interaction.

Slide 29 – Price Categorization Table

Destination	Low Price	Medium Price	High Price
NCR	Hotel Surya Grand	Radiance Tania Farms	The Leela Palace
Pune	The Royals	Siddhi Banquets	Conrad Pune
Jaipur	Shree Garden	Nandini Grand Palace	The Gulmohar
Chennai	Meenakshi Mandapam	Sangam Hall	ITC Grand Chola
Lucknow	Golden Palace Lawn	Milan Hall	Taj Mahal Hotel

- Insight: Gives real, categorized examples per city to help users plan by budget.

Slide 30 – Personal Recommendation Prompt

- Encourages viewer to choose based on their budget.

Slide 31 – Thank You

- Closing slide for gratitude.

🧠 **Overall Insights**

- 🔍 Data science helps uncover hidden truths (e.g., not all expensive venues are popular).
- 📊 You used end-to-end workflow: web scraping → cleaning → analysis → visualization → business insight.
- 🧩 Final outputs (charts, combos, tables) are easy to interpret and useful for actual consumers.
