

# Agenda

- **❖** About The Company
- Problem Statement
- Objective
- ❖ Datasets
- Insights
- Recommendations

#### AtliQ Grands

AtliQ Grands is a premier luxury hospitality brand that owns and operates a chain of five-star hotels across major cities in India.

With a strong legacy spanning over 20 years, AtliQ Grands has established itself as a trusted name in the hospitality industry, known for its world-class service, elegant design, and exceptional guest experiences.

The company's portfolio includes flagship properties in key metropolitan and tourist destinations, catering to both business and leisure travelers.

Driven by a commitment to excellence and innovation, AtliQ Grands continues to set new benchmarks in luxury and customer satisfaction across the Indian hospitality landscape.

## AtliQ Hotels









**AtliQ Seasons** 

**AtliQ Exotica** 

**AtliQ Bay** 

**AtliQ Palace** 

## Problem Statement

☐ AtliQ Grands is a company with 20 years of experience in Hotel Industry. It was losing its market share and revenue due to strategic moves from other competitors and ineffective decision-making in management.

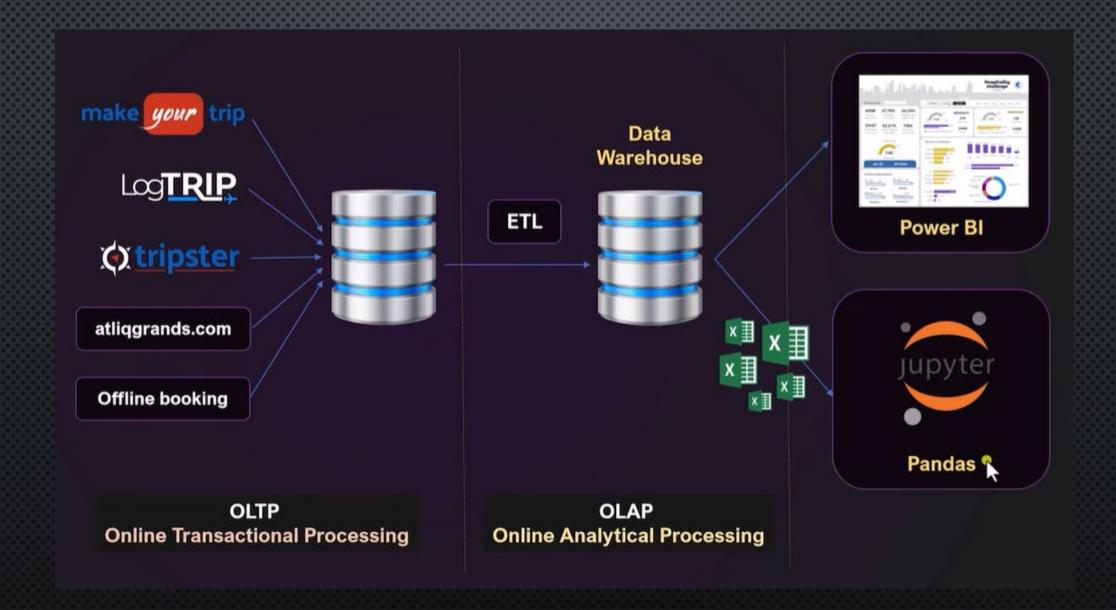
☐ The company wants to incorporate Business Intelligence and Data Analytics to regain its market share and revenue.

# Objective

- ☐ Create a python project for analysis.
- Create a presentation detailing the insights and recommendations.
- ☐ Present the insights before the client.



## Data Pipeline



#### Datasets

- dim\_date
- dim\_hotels
- dim\_rooms
- fact\_aggregated\_bookings
- fact\_bookings
- new\_data\_august

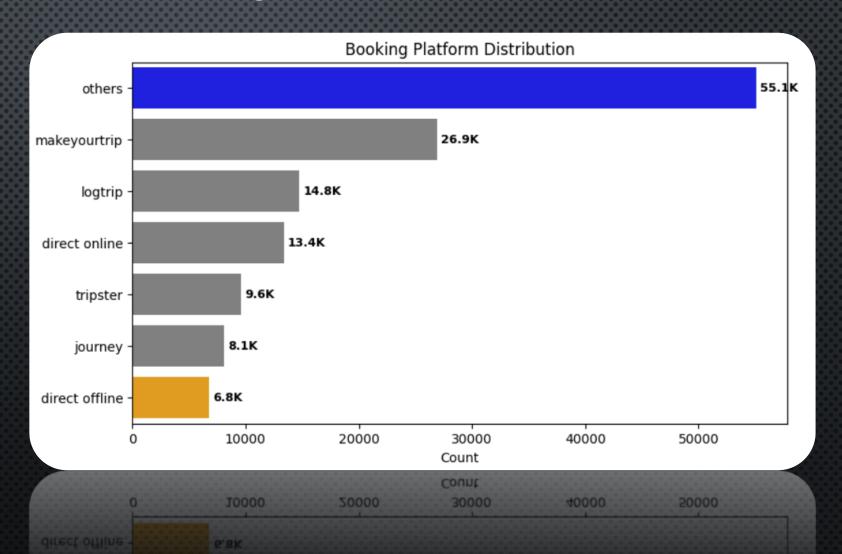
What booking platforms are preferred for booking?

**Underperforming** Room Class: **Standard** 

#### **High Performing**

Platforms:

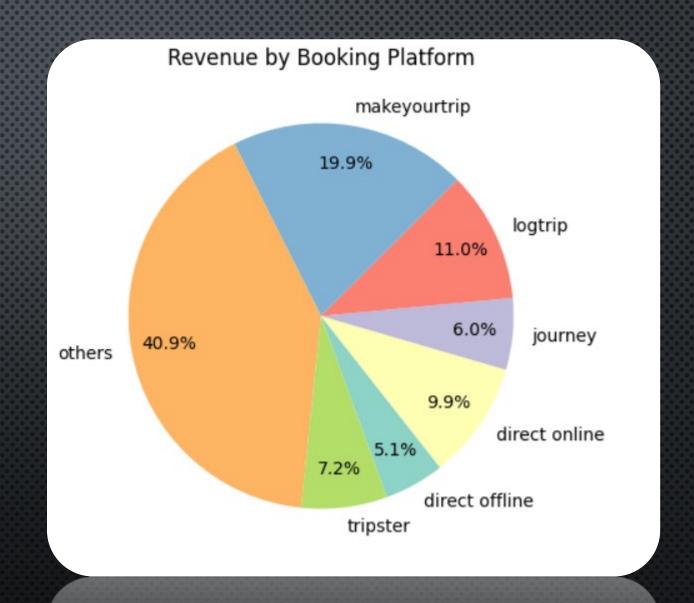
- 1. MakeYourTrip
- 2. Others



Revenue Realized per Booking Platform ?

Highest Revenue: makeyourtrip

**Lowest** Revenue: direct offline



As per May 2022-July 2022 data.

- Short-term: Leverage OTAs (like MakeYourTrip) because they drive the majority of traffic and revenue.
- Long-term: Invest in direct online to improve profitability  $\rightarrow$  offer loyalty perks, app-exclusive discounts, smoother UX.
- Hybrid strategy: Use OTAs for acquisition but design campaigns (email, app, offers) to convert OTA customers into direct customers in future.

- Investigate what constitutes "Others"  $\rightarrow$  if it includes valuable niche channels, consider consolidating them or making targeted partnerships.
- Strengthen collaboration with MakeYourTrip since it's already a strong contributor negotiate for better visibility, promotions, or commission rates.
- For low-performing channels (Direct Offline, Journey), analyze whether the cost of maintaining them is justified either optimize or reallocate marketing spend to better-performing platforms.

What is the Average Occupancy rate in each room class?

**Underperforming** Room Class: **Standard** 

**High Performing** Room Class: **Presidential** 

Name: occ\_pct, dtype: float64

#### Standard:

- Maintain it as the volume anchor of the portfolio.
- Focus on service consistency and affordability to ensure stable demand.
- Use it as a customer acquisition funnel (guests who first book Standard can later be nurtured into Premium/Elite loyalty).

#### → Premium & Elite:

- Protect these as high-margin categories.
- Upsell some Standard guests here, but without undermining Standard demand.

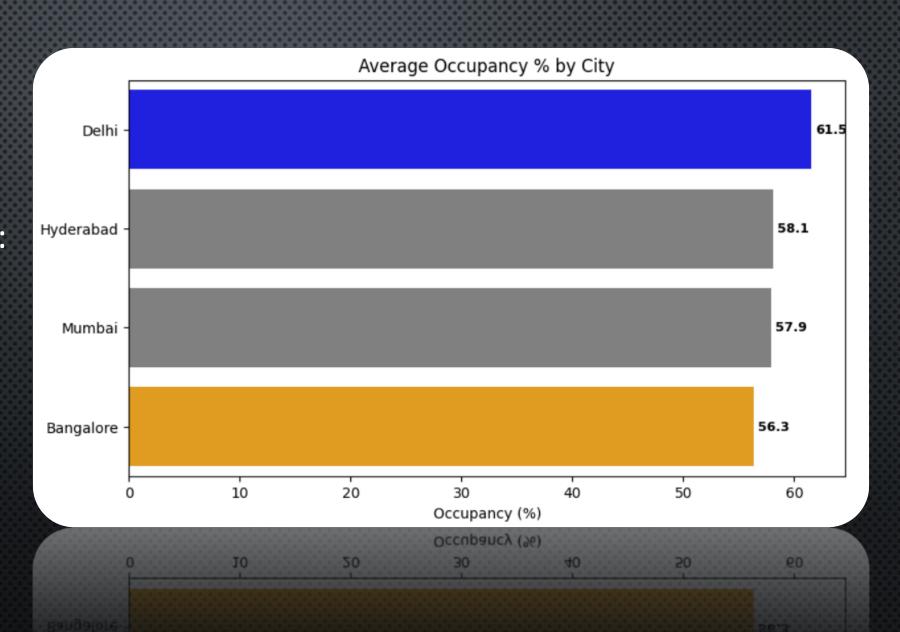
#### Presidential:

- Since it's already achieving higher-than-expected occupancy, consider whether demand can sustain slightly higher ADR or exclusive bundled offers.
- But do not dilute exclusivity it's a flagship prestige category.

What is the Average Occupancy rate per City?

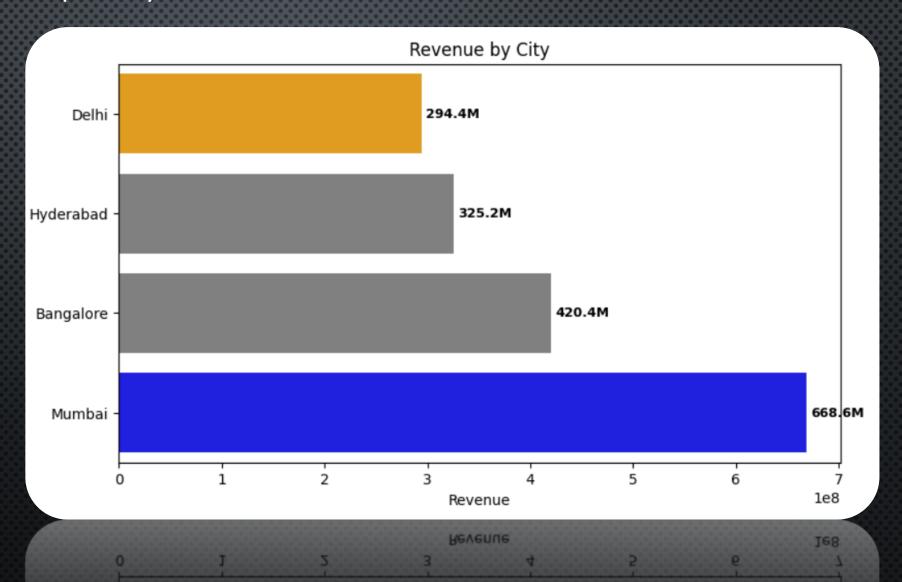
**Underperforming** City: **Bangalore** 

**High Performing City: Delhi** 



What is the revenue realized per city?

Highest Revenue:
Mumbai
Lowest Revenue:
Delhi



Average ratings per City

Highest Rated City: Delhi

**Lowest Rated City: Bangalore** 



As per May 2022-July 2022 data.

- Delhi: Market the higher satisfaction scores to attract more guests and explore ways to convert strong ratings into higher ADR (premium pricing justified by guest satisfaction).
- ightharpoonup Mumbai: Maintain demand leadership but invest in improving guest experience ightharpoonup a small lift in ratings could strengthen loyalty and retention.
- Hyderabad: Balanced performer could be improved with targeted brand campaigns and slight ADR optimization.
- Bangalore: Needs urgent action:
- Improve service quality (since rating is weakest).
- Run quality audits, staff training, and operational fixes.

Occupancy: Weekday vs Weekend

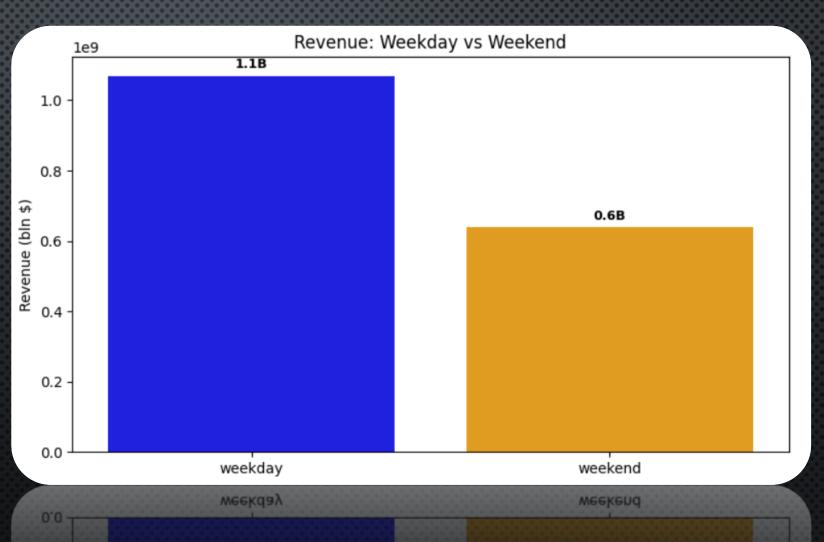
Highest Occupancy: Weekend

```
df.groupby("day_type")["occ_pct"].mean().round(2)

day_type
weekday 51.81
weekend 73.96
Name: occ_pct, dtype: float64
```

**Revenue**: Weekday vs Weekend

Highest Revenue: Weekday



## Why this could be happening?

#### Pricing difference (ADR – Average Daily Rate):

- On weekdays, business travelers and corporates book higher-priced rooms (Elite, Premium).
- On weekends, hotels may run discounts to attract leisure travelers, filling more rooms but at lower rates.

#### MHA \$

#### Corporate contracts & events:

- Weekdays often see conferences, business travel, and events, which are high-paying.
- Weekends bring families and leisure travelers, who are more pricesensitive.

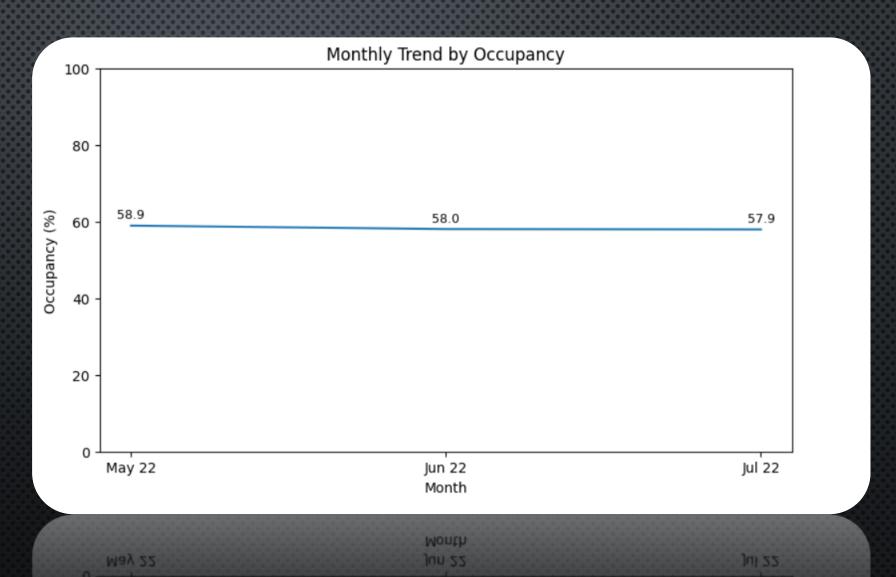
As per May 2022-July 2022 data.

- Maintain premium weekday strategy: Continue targeting corporate/business travel with strong weekday pricing.
- Increase weekend yield:
- Instead of heavy discounts, introduce bundled offers (spa + dining + late checkout).
- Upsell Standard weekend guests into Premium/Elite packages.
- Balance occupancy vs revenue:
  High occupancy with low revenue isn't sustainable. Focus on RevPAR (Revenue per Available Room) instead of just occupancy %.

Average Occupancy % is stable but declining.

Highest In: May

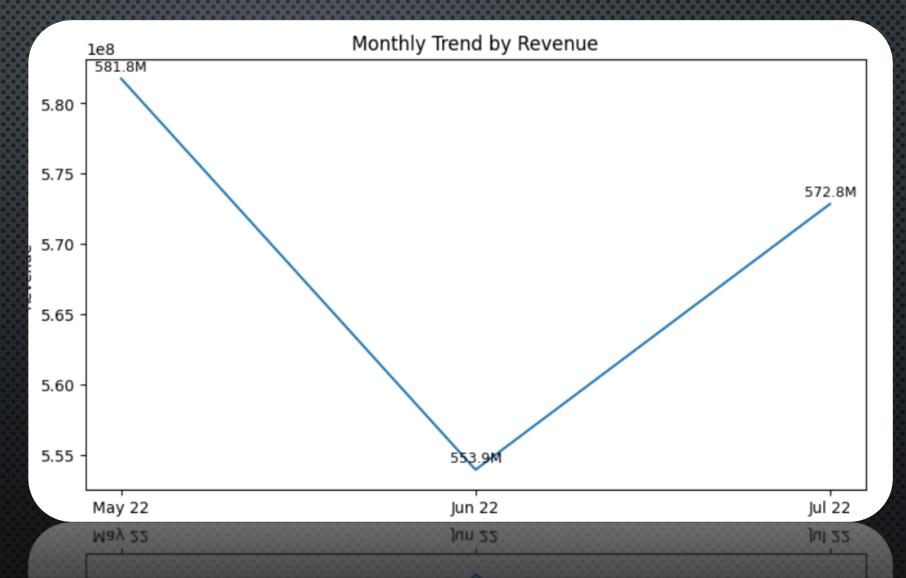
Lowest In: July



Monthly Trend by Revenue

Highest In: May

Lowest In: June



As per May 2022-July 2022 data.

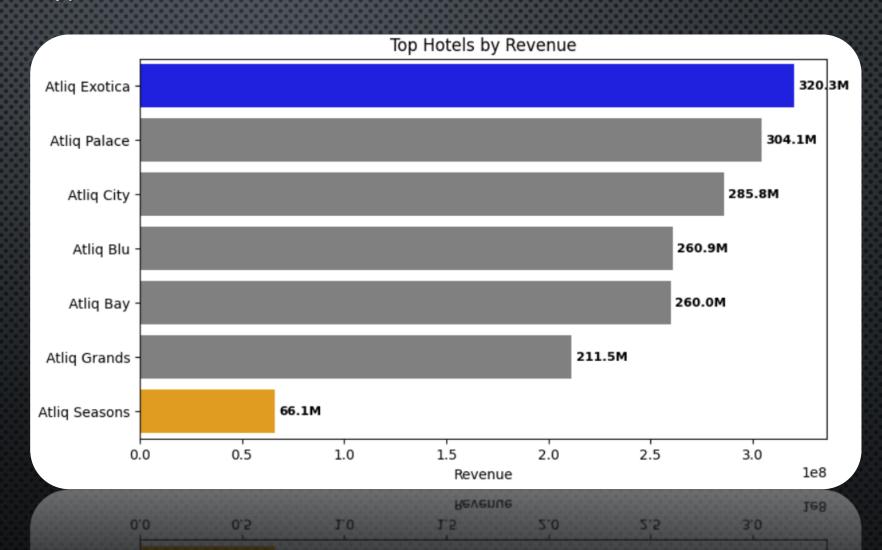
- Stop chasing occupancy % alone.
  Focus on RevPAR (Revenue per Available Room) = ADR × Occupancy.
- June strategy check:
- Don't over-discount just to keep occupancy stable.
- Push upselling or experience bundles to protect revenue.
- July example:

Even with slightly lower occupancy, revenue rose → showing that **better pricing & room mix optimization** is more valuable than just filling rooms.

Revenue Realized per Hotel Type?

Highest Revenue:
AtliQ Exotica

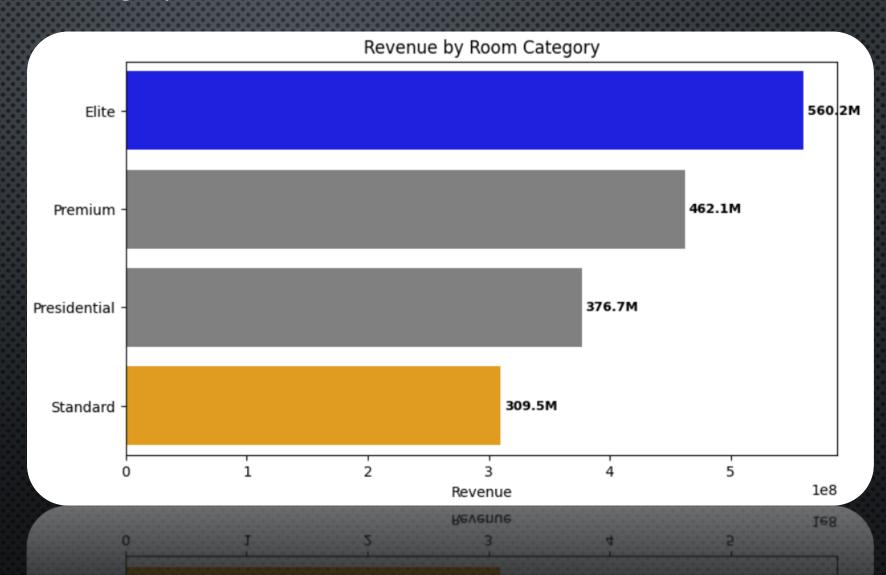
**Lowest** Revenue: **AtliQ Seasons** 



Revenue Realized per Room Category:

Highest Revenue: Elite Rooms

**Lowest** Revenue: **Standard Rooms** 



As per May 2022-July 2022 data.

- Keep Presidential premium → Don't cut prices; instead, maintain its exclusivity.
- Deverage for branding → Feature Presidential rooms in marketing materials to attract aspirational customers (even if they book Premium/Elite instead).
- Focus on Elite & Premium for growth → These are where real volumedriven revenue lies.
- Use Standard as feeder → Upsell Standard → Premium upgrades. Standard rooms bring volume and customer acquisition (entry point for price-sensitive customers).

#### Conclusion



Revenue Trends: Revenue dipped in June despite stable occupancy ( $\sim$ 58%), highlighting that pricing & room mix drive revenue more than occupancy %.

Occupancy Patterns: Occupancy remained flat month-to-month (~58%), with weekend occupancy higher but weekend revenue stronger (Luxury Rooms)

#### **Room Categories:**

- Standard: Stable, backbone for mass demand.
- Premium & Elite: Main revenue contributors.
- Presidential: Higher-than-expected occupancy, reinforcing its prestige role.

#### Cities:

- Delhi: Highest occupancy & ratings, but lowest revenue → strong efficiency, weaker scale.
- Mumbai: Revenue leader due to scale, but only mid-level on occupancy & ratings.
- Hyderabad: Balanced in both metrics.
- Bangalore: Weakest across occupancy, revenue, and ratings.

## Implications

- Focusing only on occupancy % is misleading; the business must track RevPAR and ADR.
- Weekend pricing strategy is flat, leading to underutilized revenue opportunities despite high demand.
- City-level differences show that strategies must be localized: Delhi needs pricing leverage, Mumbai needs guest experience upgrades, Bangalore needs both demand stimulation and service improvement.

### Thank you

For feedback and suggestions feel free to connect with me on:

- in <u>LinkedIn</u>
- <u>Github</u>

Or email me directly at:

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