

# UBER'S DISRUPTION OF THE TAXI INDUSTRY



## **Traditional Taxi Model:**

Medallion-based system (e.g., NYC medallions peaked at \$1.3M in 2003).

Limited supply, high costs, poor service quality.

# **Uber's Disruption:**

**Decline in Taxi Medallion Values:** Traditional taxi license values dropped significantly (e.g., in New York) as demand shifted to Uber.

**Increased Competition:** Taxi companies were forced to modernize by adopting ride-hailing apps and enhancing service quality.

Loss of Market Share: Uber captured a significant portion of the market, reducing revenue and customer bases for traditional taxis

# BUSINESS MODEL CANVAS

- Seamless transactions - Vehicle leasing - Local Gov & Regulatory bodies	Activities - Platform dev/ Maintenance - Driver recruit/ Trainin - Customer acquisition - Regulation compliance  (6) Key Resources - Proprietary Tech - Network of Drivers - Reputation & Market presence	C. O. dala Camada a	(4) Customer Relationships  - User Friendly app - 24/7 customer service - Rating/feedback for service quality  (3) Channels - mobile app - Website platform - Social Media	(1) Customer Segments - Riders - Drivers - Multi- Platform
(9) Cost Structure - Legal & Compliance costs - Tech dev & infrastructure - Marketing & promo expenses - Customer support operations		<ul> <li>(5) Revenue Streams - Cancellation Fees</li> <li>Commission from 15% to 30% per fare.</li> <li>Surge pricing during high-demand periods.</li> <li>Revenue from services like Uber Eats and Uber Freight.</li> </ul>		

# INNOVATIVE ELEMENTS

- 1.Multi-Sided Platform (Customer Segments)
- 2. Surge Pricing (Revenue Streams)
- 3. App-Based Convenience (Channels)
- 4. Peer-to-Peer Business Model (Key Resources)
- 5. Flexible Work Opportunities (Value Propositions for Drivers)
- 6. Data-Driven Decision Making (Key Activities)
- 7. Ratings and Feedback System (Customer Relationships
- 8.Market Expansion via Adjacencies (Key Partnerships and Revenue Streams)



Why Innovative? Uber capitalizes on its platform infrastructure to diversify offerings, creating a broader ecosystem that caters to varied customer needs.

# Gig Economy & Share Economy

## **Gig Economy**

A labor market by short-term contracts, freelance work, and independent contractors

#### Features:

- Flexible Work Arrangements: Workers choose when and how much they work.
- Task-Oriented Jobs: Work is often project-based or task-specific.



## **Share Economy**

#### Definition:

 An economic model where individuals share access to goods, services, or resources, often facilitated by digital platforms.

#### Features:

- Technology-Driven: Digital platforms connect providers and users (e.g., Airbnb, Turo).
- Decentralization: Services are offered by individuals, not centralized institutions.
- Flexible Participation: Anyone can be a provider or consumer.

# **Uber Platform Strategy**

# **Platform Type:**

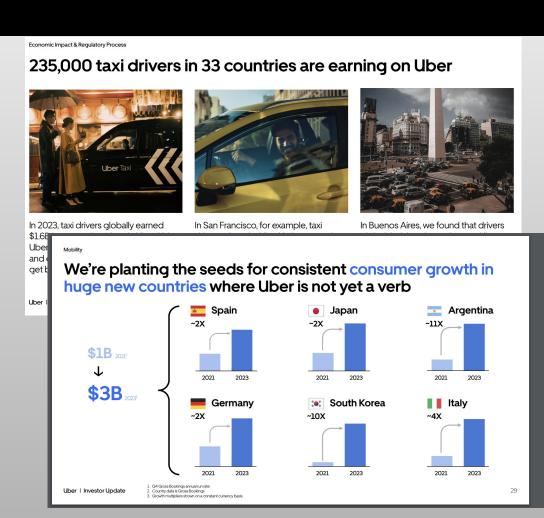
 Multi-sided platform connecting drivers, riders, merchants, and shippers.

# **Key feature**

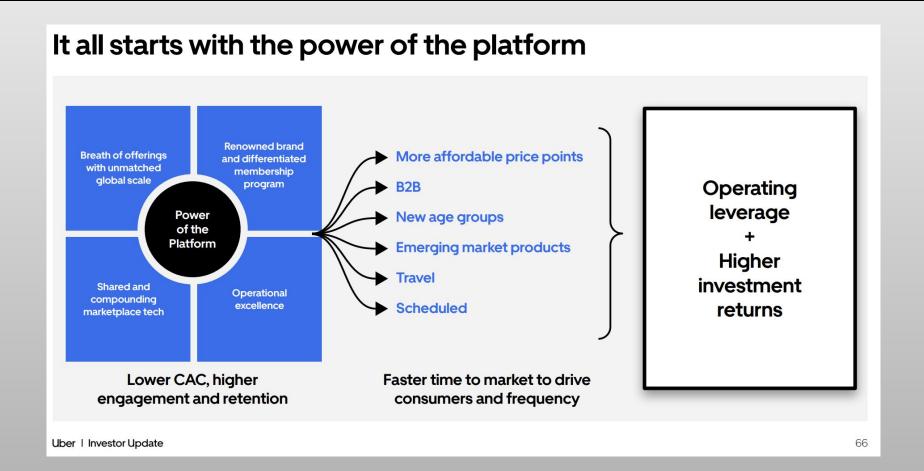
#1: build solutions for real-world problems

**#2:Adapting to local markets** 

#3: An asset-light strategy



# Look to the future



# STRENGTH

#### Convenience and Cashless Transactions:

- Users can hail a car from any location via the app, eliminating the need to find a taxi on the street.
- Payments are processed through the app, removing the necessity for cash exchanges.

#### Professional Service:

- Drivers use their own vehicles, which are typically clean and well-maintained.
- The app provides drivers with navigation to destinations, reducing the likelihood of wrong turns.
- Passengers can rate drivers, helping to maintain service quality.

#### Customer to Driver Interaction

The business model of Uber is ideal for a customer to driver interaction. Uber has created a rating system that helps customers rate their traveling experience as well as the driver. This rating system helps identify the best drivers and monitors the performance of the drivers.



# Dynamic Pricing Strategy Double-edge Sword

# Al neural network in price setting

#### Historical Data:

Past ride request patterns, including daily and weekly trends.

#### External Factors:

- Weather conditions (e.g., precipitation, temperature).
- City-specific information such as ongoing trips, registered users, and local events or holidays.

#### Time Series Features:

 Sliding windows of input (X) and output (Y) data to capture temporal dependencies.

#### Automatic Feature Extraction:

 Utilization of an ensemble-based feature extraction module to automatically derive relevant features from the data.

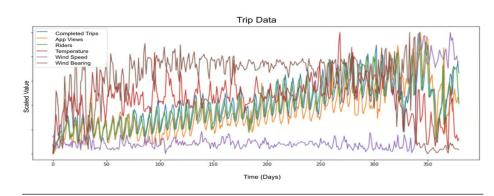
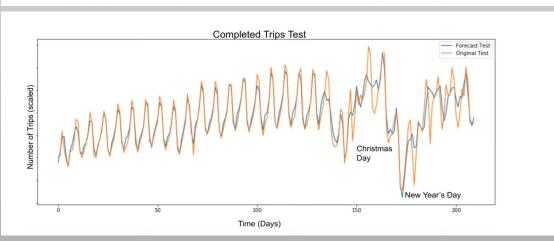


Figure 2: Our model was trained using a combination of exogenous variables, including weather (e.g., precipitation, wind speed, and temperature forecasts) and city-level information (e.g., trips in progress at any given time within a specific geographic area, registered Uber users, and local holidays or events).



# WEAKNESS

### **Dependency on Workforce:**

- Uber relies heavily on its drivers and internet infrastructure, which has led to challenges.
- Unpredictable driver behavior has harmed the company's image, with over 103 US drivers accused of sexual harassment and abuse.

#### **Public Backlash:**

• High surge pricing during Hurricane Sandy caused severe public criticism, forcing Uber to revise its pricing policy. (**price transparency**)

#### **Exploitative Business Model:**

- Governments and unions have criticized Uber for misclassifying drivers as independent contractors instead of employees, denying them benefits.
- The company has faced lawsuits in Massachusetts and California over this practice.

#### **Poor Working Conditions:**

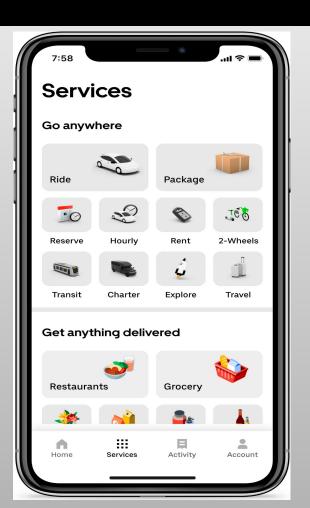
- Unlike other companies that heavily invest in employee support, Uber drivers bear their own expenses, including insurance, repairs, and gas.
- Drivers are also exposed to significant security risks due to limited corporate protections.







# UBER'S DIVERSIFIED SERVICES



# **Ride-Hailing Services:**

- **Core Rides:** Standard and premium ride options (Ride, Reserve, Hourly).
- **Specialized Options:** Rentals (Rent), Two-wheel vehicles (2-Wheels), and Eco-friendly rides (UberGreen).
- Transit and Travel: Integration with public transport (Transit) and intercity travel solutions.

# **Delivery Services:**

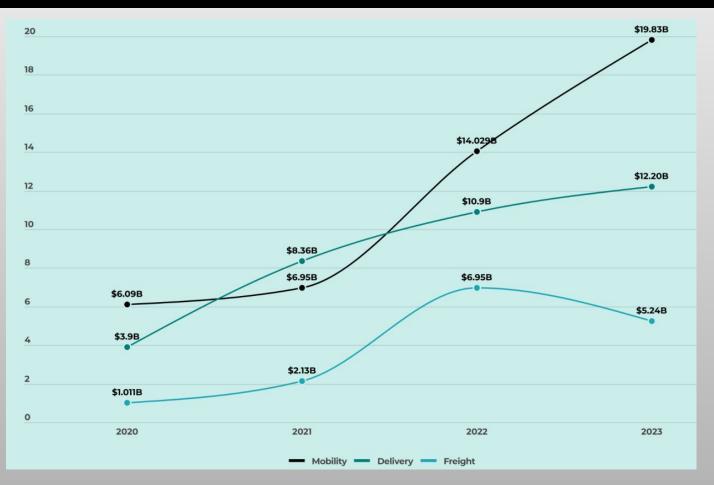
- Food Delivery: Restaurants (Uber Eats).
- Grocery and Beyond: Groceries, household items, and other essentials.



# **Uber Freight:**

Uber Freight is a platform that matches trucking companies with businesses needing cargo transport. Partnership with Waymo and Aurora for autonomous trucks.

# EFFECTIVENESS OF DIVERSIFICATION



# **Successes:**

- Increased revenue streams: Rides (48%), Eats (34%), Freight (18%).
- Uber Eats became a pandemic lifeline and established as a global leader outside China.
- Freight expanded into logistics, leveraging technology for efficiency.

# **Challenges:**

- Intense competition in food delivery (DoorDash leads with 56% market share).
- Freight is capital-intensive with lower margins.

# REGULATORY AND ETHICAL CHALLENGES

#### **Driver Classification:**

Disputes over whether drivers are employees or contractors.



## **Licensing Issues:**

Fines and bans in some regions due to non-compliance with local laws.



## **Surge Pricing:**

Criticized for being unfair during emergencies or high-demand periods.

### **Driver Concerns:**

Low pay, job insecurity, and lack of benefits.



## **Corporate Culture:**

Past scandals involving harassment and workplace discrimination



## **Privacy Issues:**

Data breaches and unethical practices like "Operation Greyball.

# COMPETITIVE LANDSCAPE

# **Key Competitors:**

- Lyft (U.S. rideshare market).
- DoorDash (U.S. food delivery leader with 56% share).
- •Instacart (grocery delivery and pickup services).
- Didi Chuxing (China, world's largest rideshare).
- •Grab (Southeast Asia "super app" for rides, delivery, finance).
- Traditional Taxi takeover

# **Unique Challenges:**

- Intense price competition.
- Localized players like Didi and Grab dominate regional markets.



# **COMPETITIVE RECOMMENDATIONS**



#### Strengthen Core Business:

Focus on optimizing and expanding Uber's ride-hailing services, its primary revenue driver.



### Enhance Driver Satisfaction:

Boost retention by offering competitive incentives and support to drivers.



### Strategic Collaborations:

Partner with established food and grocery delivery players to widen market reach and efficiency.



## Regulatory Engagement:

Build proactive relationships with regulators to address labor laws and operational complexities.



### Innovate with Technology:

Invest in new transportation solutions like electric and autonomous vehicles to stay competitive.

# PATH TO CONSISTENT PROFITABILITY

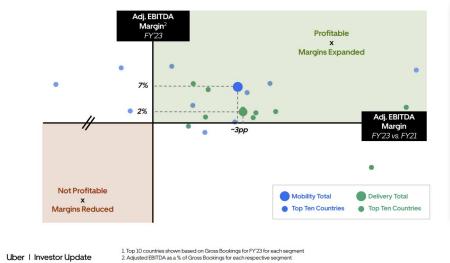
## **Current Challenges:**

- •\$30 billion cumulative losses since 2016.
- High fixed costs for scaling and platform maintenance.

#### **Recommendations:**

- Optimize costs without sacrificing driver satisfaction
- Expand Uber One subscriptions to build loyalty.
- Improve pricing models with advanced analytics.







# AUTONOMOUS VEHICLES AND THE FUTURE

### **Potential Benefits:**

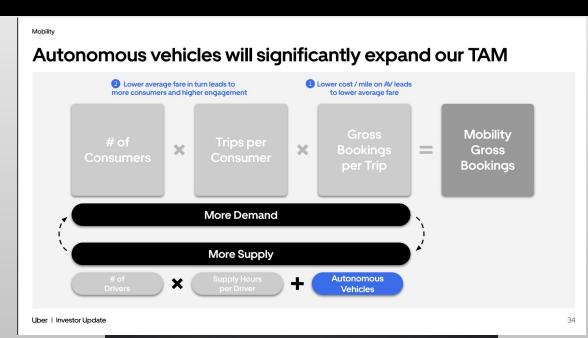
- Lower labor costs, 24/7 service availability.
- Greater scalability and efficiency.

## **Key Challenges:**

- •Regulatory approval and public trust in AVs.
- •Fleet ownership shifts Uber's asset-light model.

## **Strategic Moves:**

- Partnerships with Waymo and Aurora Innovation (investment, autonomous fleets)
- Invest in R&D while monitoring competition (e.g., Tesla)





# CONCLUSION

# **Key Takeaways:**

- Uber's disruption and innovation have transformed the industry.
- •Multi-sided platform strategy is critical but faces competitive and regulatory hurdles.
- •Future growth hinges on cost optimization, diversification, and autonomous vehicle success.

## **Call to Action:**

- •Engage in strategic focus on rides, delivery, and logistics with an ethical, scalable approach
- provide rationale insurance to drivers
- provide transparent pricing standard to customers

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# Thank you!

Questions?

