

Saudi Network Manager

VISION

To be a **globally best-in-class air traffic services, solutions, and innovative technologies provider.**

MISSION

Providing **outstanding** Air Navigation services at a **global level** across **mandated and commercial** business, enabled by its recognized **leadership in safety, efficiency, and technology innovation.**



SANS ON THE MAP OF Saudi Arabia

- 1 **SANS HQ**
- 14 **Tower Units**
- 5 **AFIS Units**
- 10 **Approach Sectors**
- 2 **Area Control Centers**
- 1 **ATN Center**

 **2 Million Square Kilometers**

  **≈ 393K International Flights**

  **≈ 241K Domestic Flights**

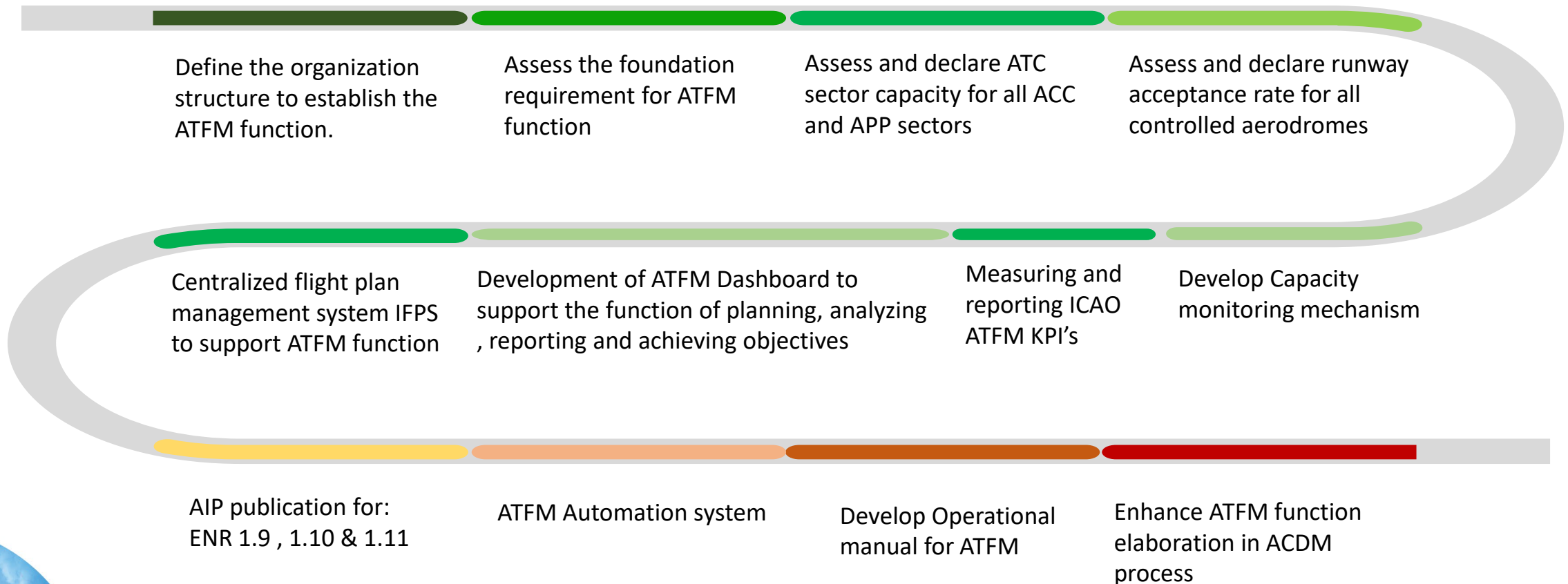
 **≈ 208K Overflying Flights**

 **29 Airports**



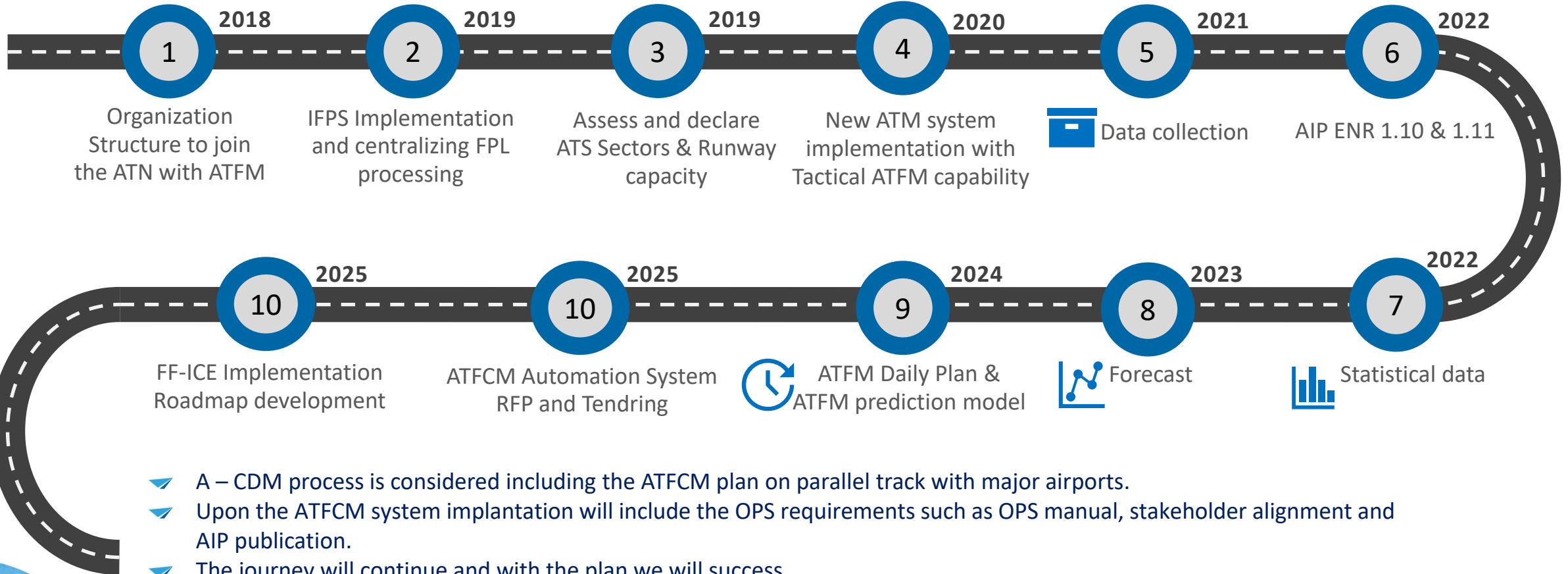
ATFCM Roadmap

The plan for the ATFCM implantation in SANS started in 2017, drawing the way forward for promising future



ATFCM Roadmap

START



- A – CDM process is considered including the ATFCM plan on parallel track with major airports.
- Upon the ATFCM system implantation will include the OPS requirements such as OPS manual, stakeholder alignment and AIP publication.
- The journey will continue and with the plan we will success.

lessons learned and Challenges

lessons learned

- Training programs.
- Stakeholders' management and alignment.
- Cybersecurity and Data Integrity.

Challenges

- Workforce.
- Transition and change management program.
- Cybersecurity and Data Integrity.

Air Traffic Flow & Capacity Management

ATFM Daily Plan (ADP)



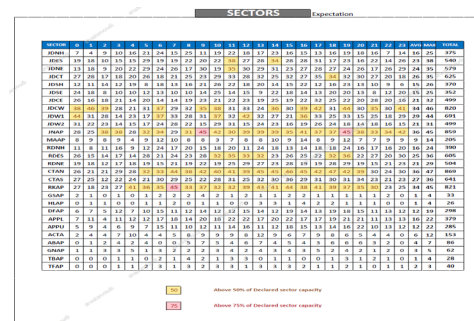
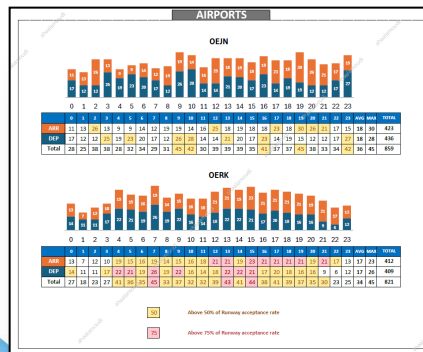
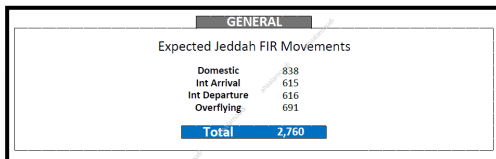
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ATFM Daily Plan

The ATFM Daily Plan is a comprehensive schedule that outlines the management and utilization of airspace for a specific day. It is designed to ensure the safe and efficient flow of air traffic within a given region or airspace sector.

This year, we initiated the implementation of the ATFM Daily Plan (ADP) based on historical data, which is currently in its trial phase. We are actively working on improving automation and collaboration with airports and the Meteorological (MET) office. These enhancements aim to enhance the efficiency and effectiveness of the ADP.

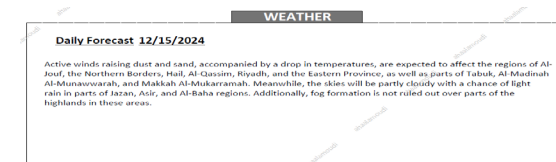


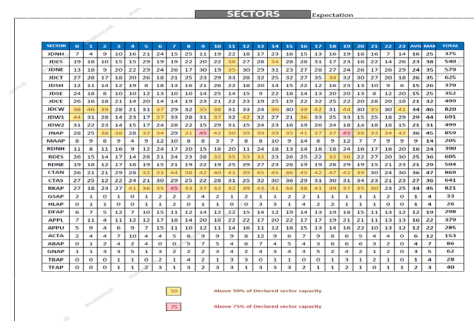
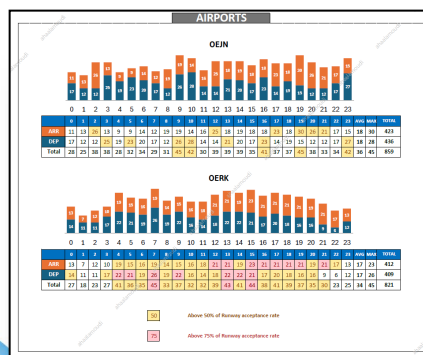
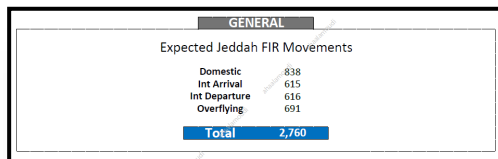
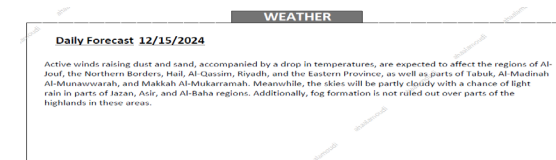


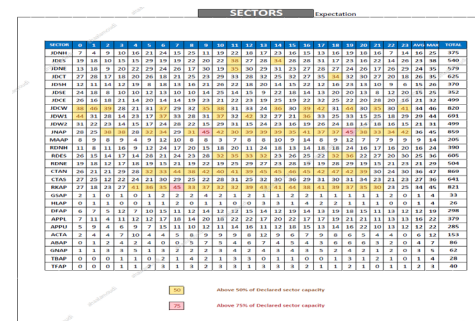
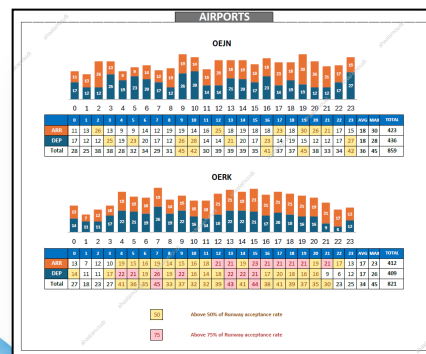
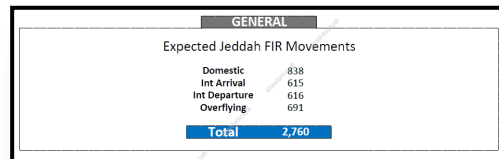
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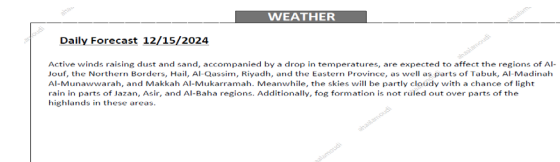
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CEIVED



SPECIAL EVENTS	
• Riyadh Season 2024	
ATFM MEASURES	
<u>RECOMMENDATION:</u>	
Activate Planner Position for JDCW & CTAN Sector	

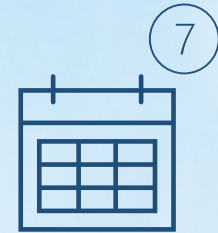
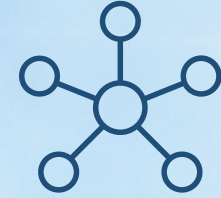


ATFM Daily Plan

**MANAGING SKIES
SECURING LIVES**

Enhancements

- A collaborative effort was undertaken with Jeddah and Riyadh airports to attend the daily report sessions and synchronize statistical data as part of the ATFM Daily Plan (ADP) initiative.
- The frequency of the ADP sessions has been extended to operate throughout all seven days of the week, compared to the previous five-day schedule.
- The ADP processes have been standardized and documented in compliance with ISO certification requirements, and the relevant data has been securely uploaded to the internal portal for accessibility and reference. [Click here](#)



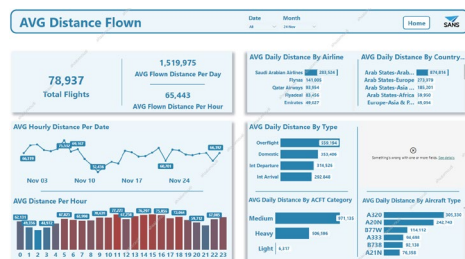
BEYOND 

ATFM Dashboard

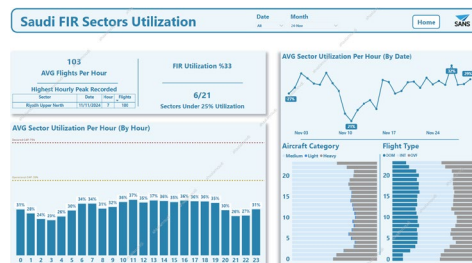
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5. AVG Distance Flown



2. FIR Utilization



3. Sectors Utilization



4. Adjacent FIRs Statistics



6. AVG Flights Duration



7. Hourly Flights by Airport



8. Hourly Flights by Sector

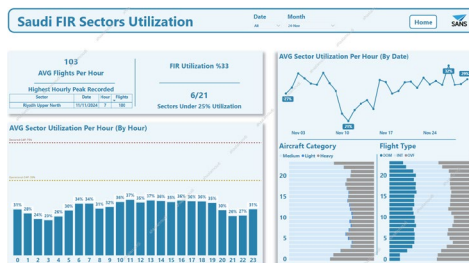


ATFM Dashboard

1. FIR General Statistics



2. FIR Utilization



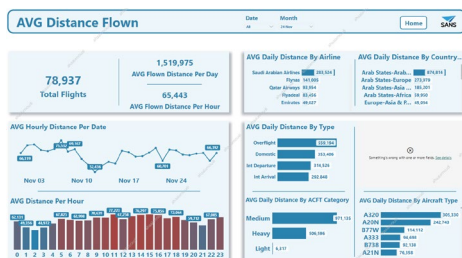
3. Sectors Utilization



4. Adjacent FIRs Statistics



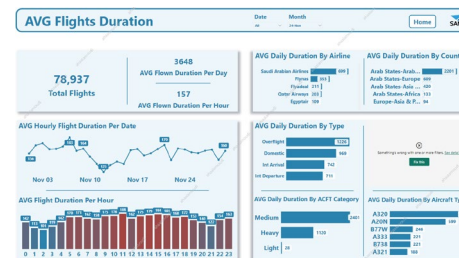
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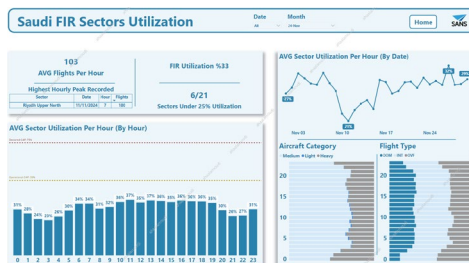


ATFM Dashboard

1. FIR General Statistics



2. FIR Utilization



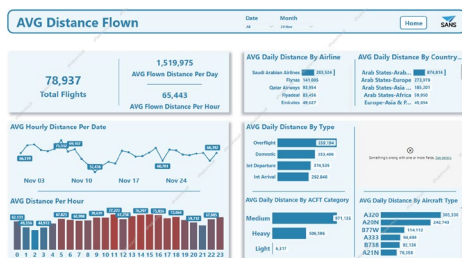
3. Sectors Utilization



4. Adjacent FIRs Statistics



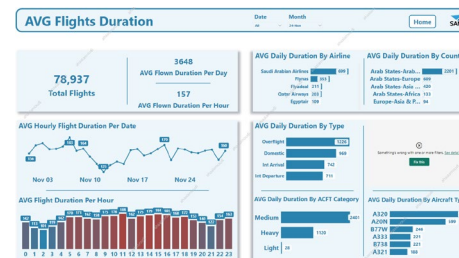
5. AVG Distance Flown



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7. Hourly Flights by Airport



8. Hourly Flights by Sector



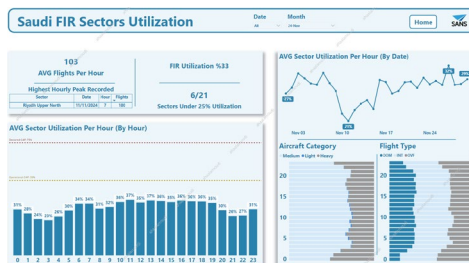
8. Hourly Flights by Sector

ATFM Dashboard

1. FIR General Statistics



2. FIR Utilization



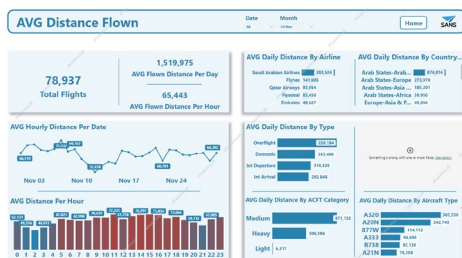
3. Sectors Utilization



4. Adjacent FIRs Statistics



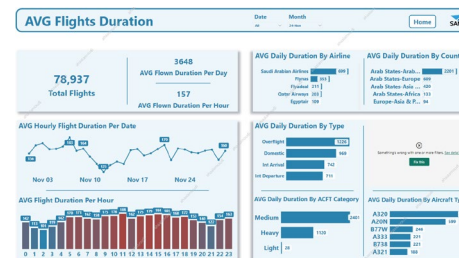
5. AVG Distance Flown



6. AVG Flights Duration



7. Hourly Flights by Airport



8. Hourly Flights by Sector

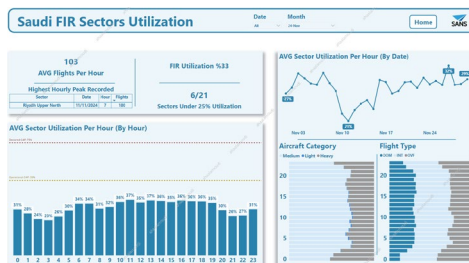


ATFM Dashboard

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2. FIR Utilization



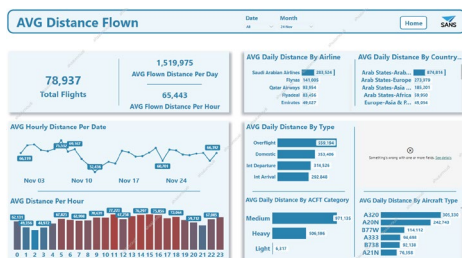
3. Sectors Utilization



4. Adjacent FIRs Statistics



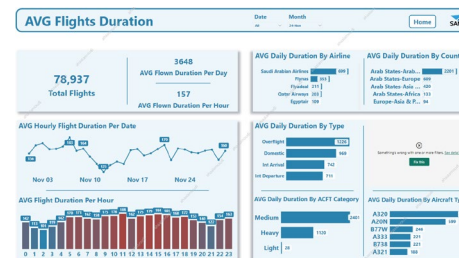
5. AVG Distance Flown



6. AVG Flights Duration



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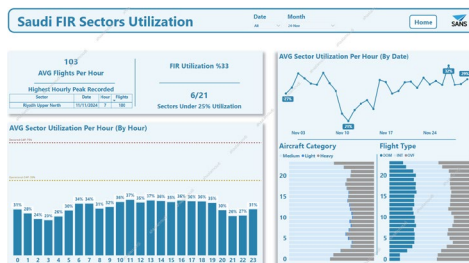


ATFM Dashboard

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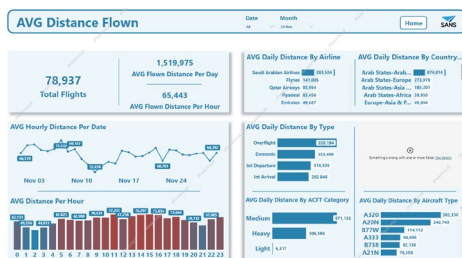
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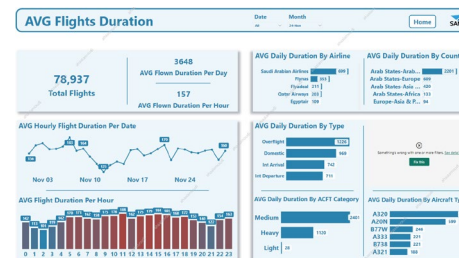
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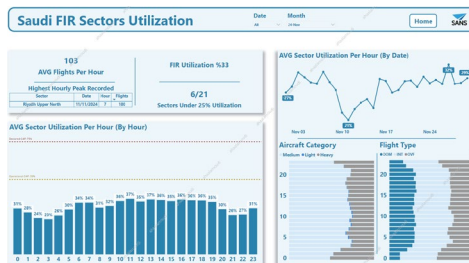


ATFM Dashboard

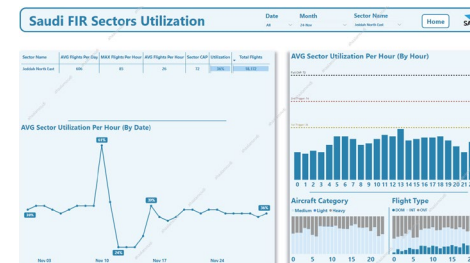
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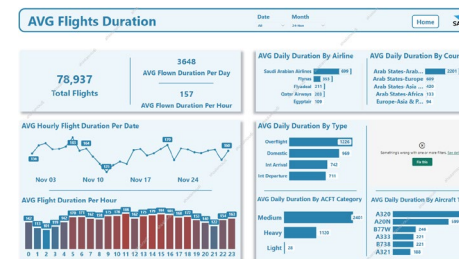
5. AVG Distance Flown



6. AVG Flights Duration



7. Hourly Flights by Airport



8. Hourly Flights by Sector



Air Traffic Flow & Capacity Management

Operations Daily Briefing (ODB)



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