UNLOCKING INSIGHTS INTO THE GLOBAL AIR TRANSPORTATION NETWORK WITH TABLEAU

**INTODUCTION**

Air transportation is a major industry in its own right and it also provides important inputs into wider economic, political, and social processes. The demand for its services, as with most transport, is a derived one that is driven by the needs and desires to attain some other, final objective. Air transport can facilitate, for example, in the economic development of a region or of a particular industry such as tourism, but there has to be a latent demand for the goods and services offered by a region or by an industry. Lack of air transport, as with any other input into the economic system, can stymie efficient growth, but equally inappropriateness or excesses in supply are wasteful. 2. Economies, and the interactions between them, are in a continual state of flux, and although economists‟ notions of equilibrium have some very useful intellectual content, and also validity in the very short-run, in reality the world is dynamic. This dynamism, of which the particular thrust of globalization is the concern here, has implications for industries such as air transport that service it. But there are also feedback loops, because, developments in air transport can shape the form and the speed at which globalization and related processes take place. In effect, while the demand for air transport is a derived, the institutional context in which air transport services are delivered have knock-on effects on the economic system. These feedback loops may entail direct economic, political, and social effects that, for example, accompany enhanced trade and personal mobility, but they may also be indirect, as for example through the impacts of air transport on the environment. 3. The analysis here is, by necessity, excessively simplistic given the multi-dimensional and dynamic nature of globalization, and focuses on one small sector, international commercial aviation, and on only one direction of causality, the implications of globalization for this sector. Some related considerations are embraced where particularly important. For example, there is an increasing blurring of international and domestic air transport as airlines form alliances and invest in each other to form global networks; indeed, the domestic and international air transport market within the European Union (EU) is de facto one market. Also, not all feedback loops are ignored, particularly when changes in air transport facilitate global trends that then, in turn, feed back on the air transport industries; migration of labor is one example of this. 2. Globalization and internationalizati

# THE IMPORTANCE OF AIR TRANSPORTATION

The importance of air transport lies in its ability as an economic engine to generate and support jobs, strengthen trade and connectivity between people and countries, promote tourism, and connect remote communities.

# ROLE OF AIR TRANSPORTATION

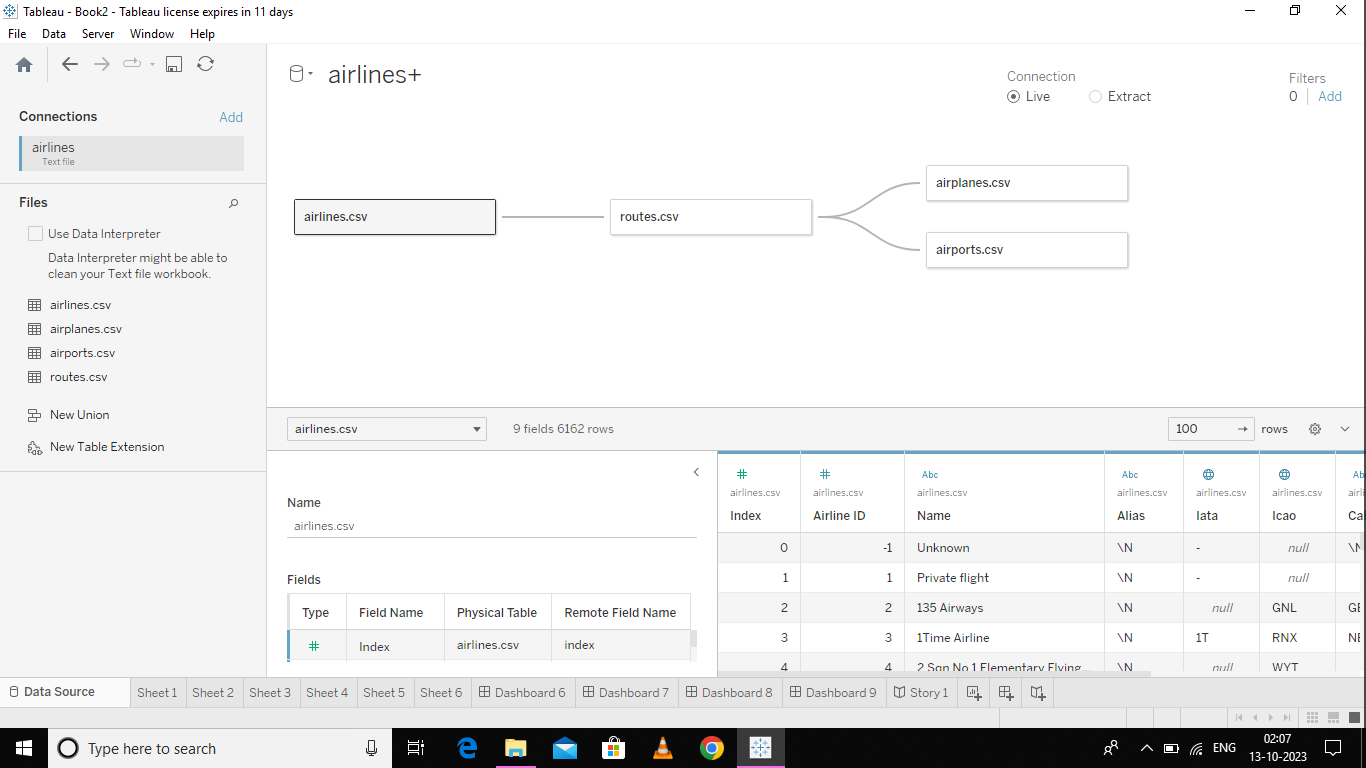
Air transport is a vital component in the development of tourism markets, enabling access to regions and facilitating the mobility of tourists worldwide. This chapter presents a framework for analysing spatial, temporal and firm specific air traffic flows in major continental regions of the world.

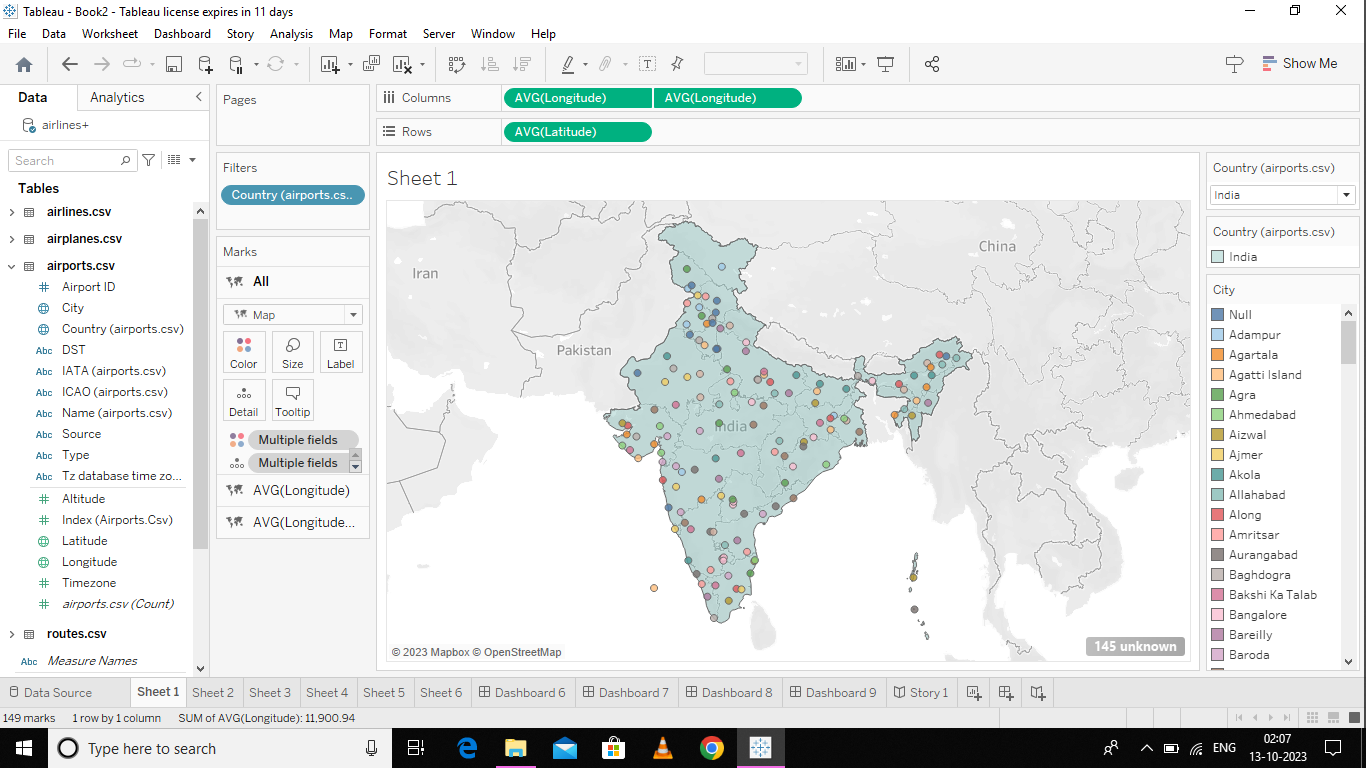
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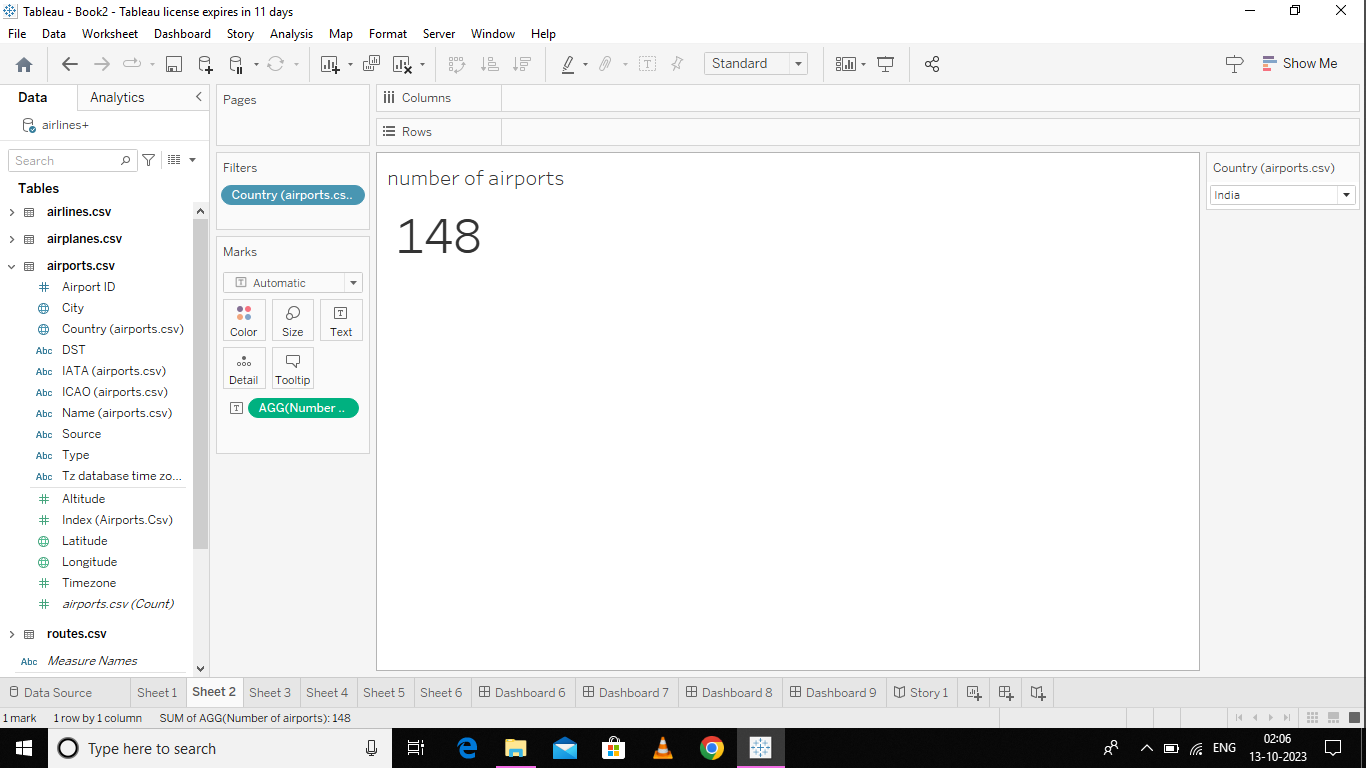
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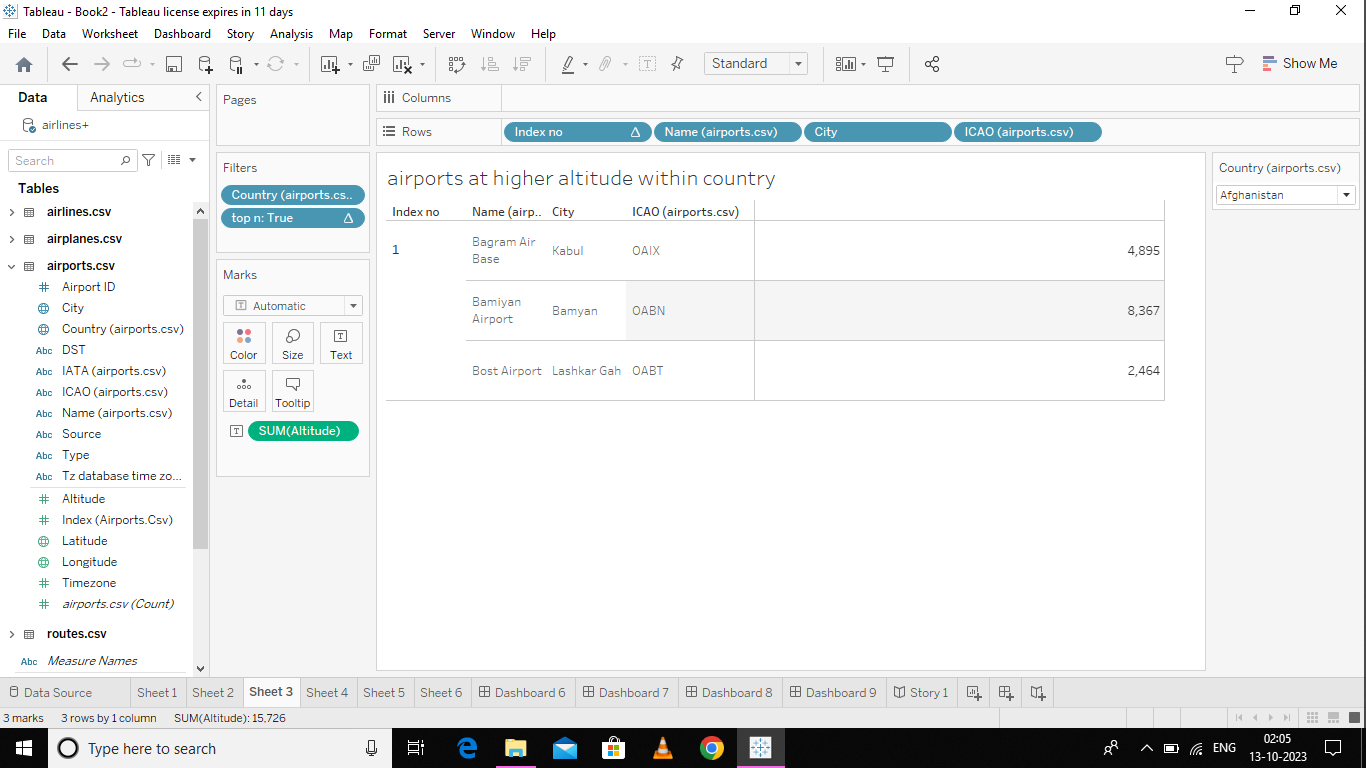
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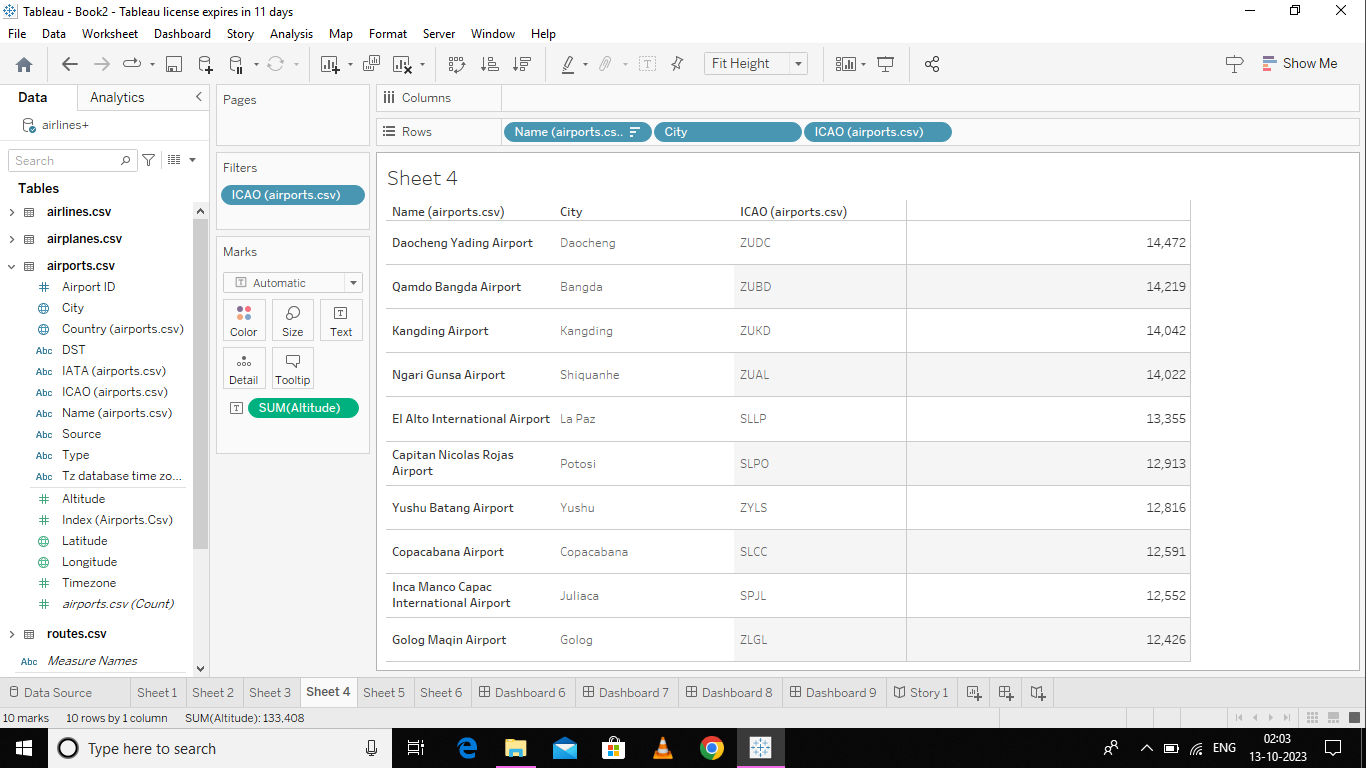
# RESULT

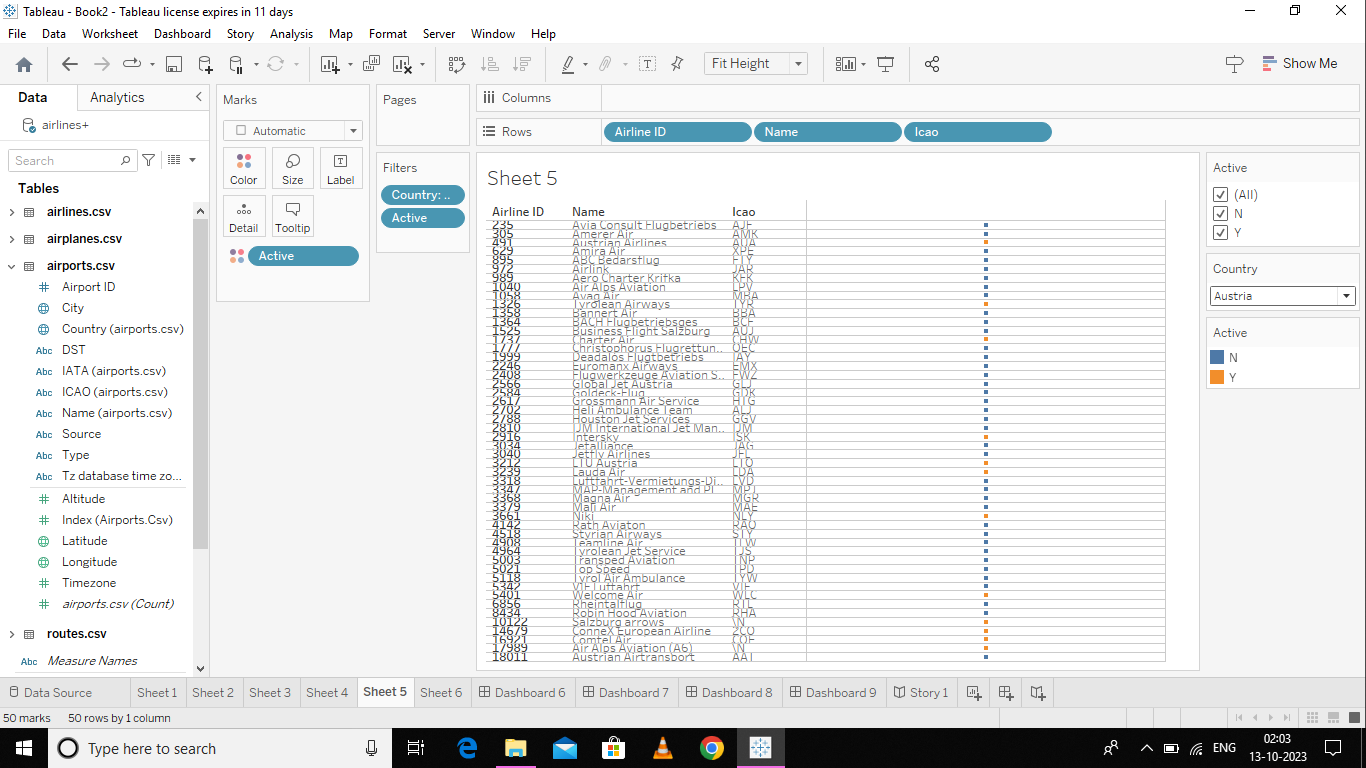


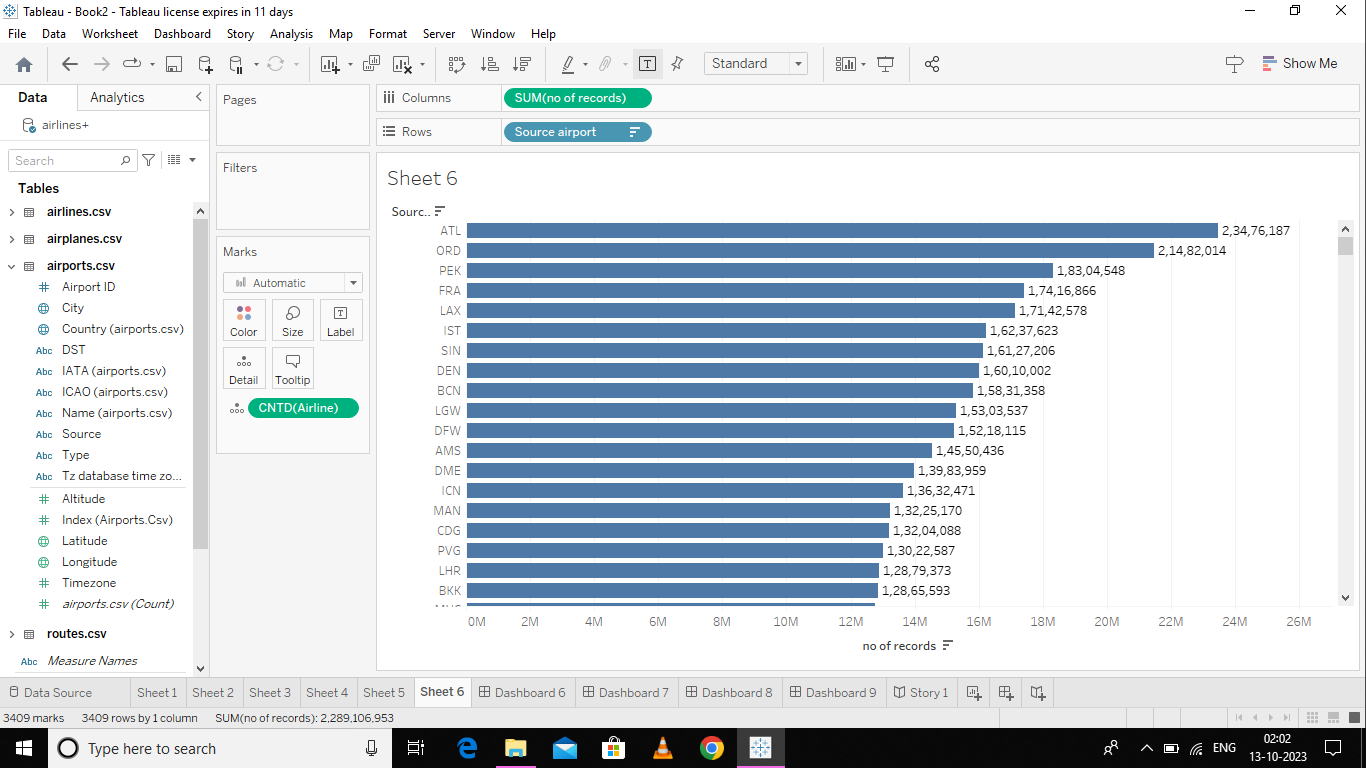




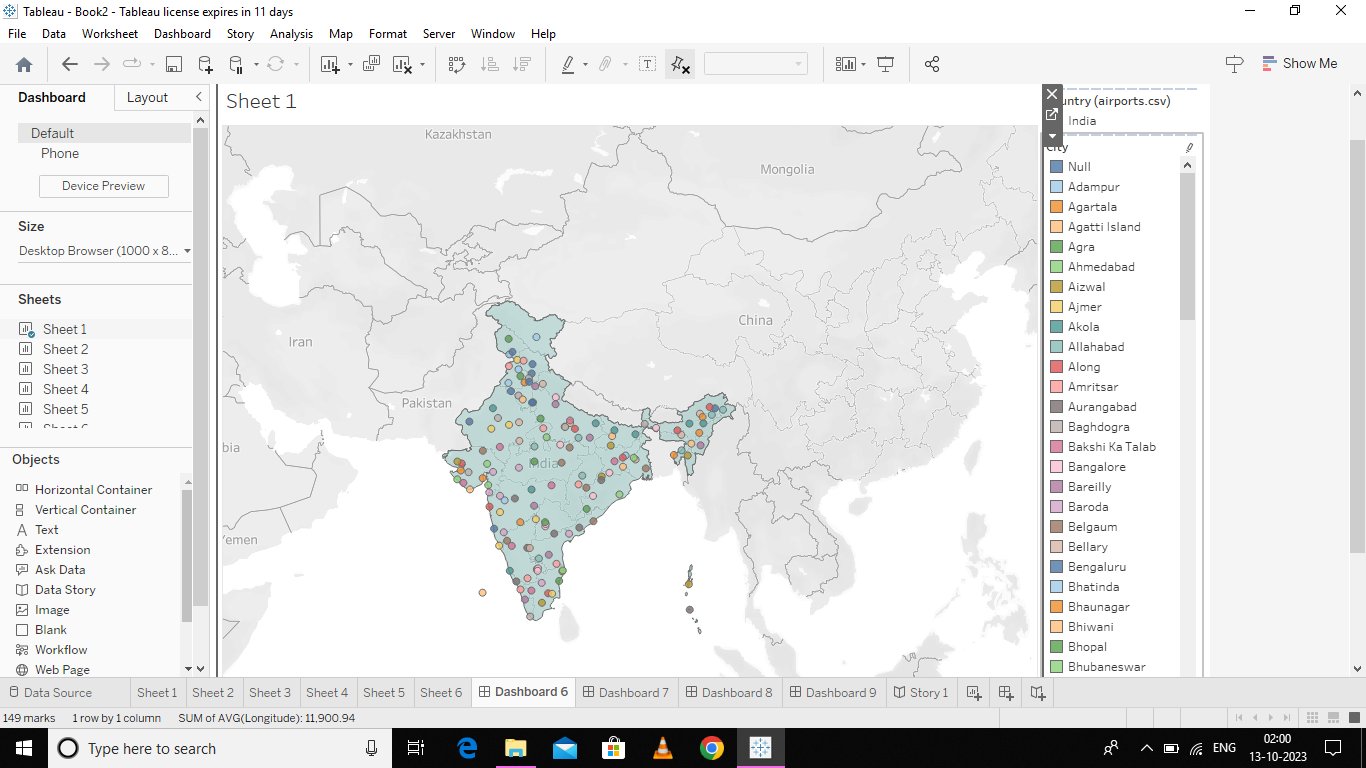


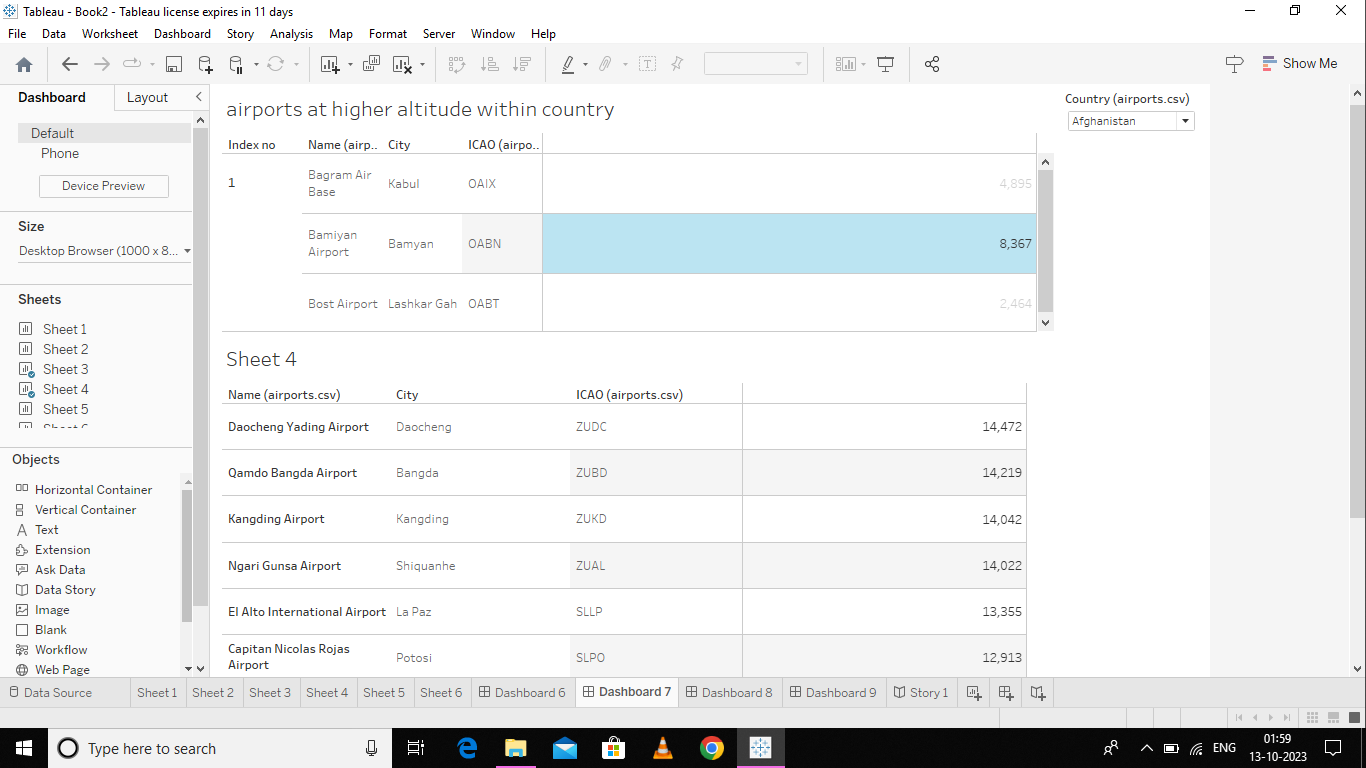


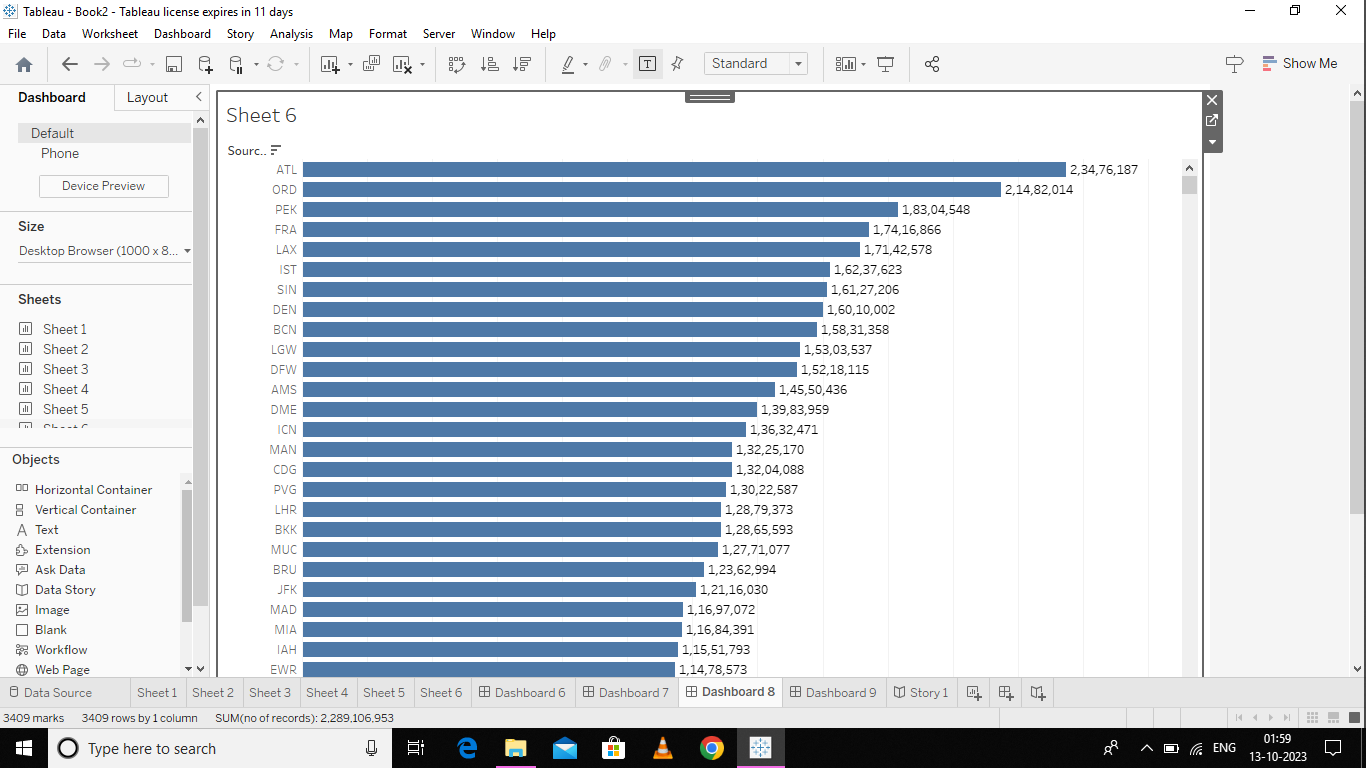


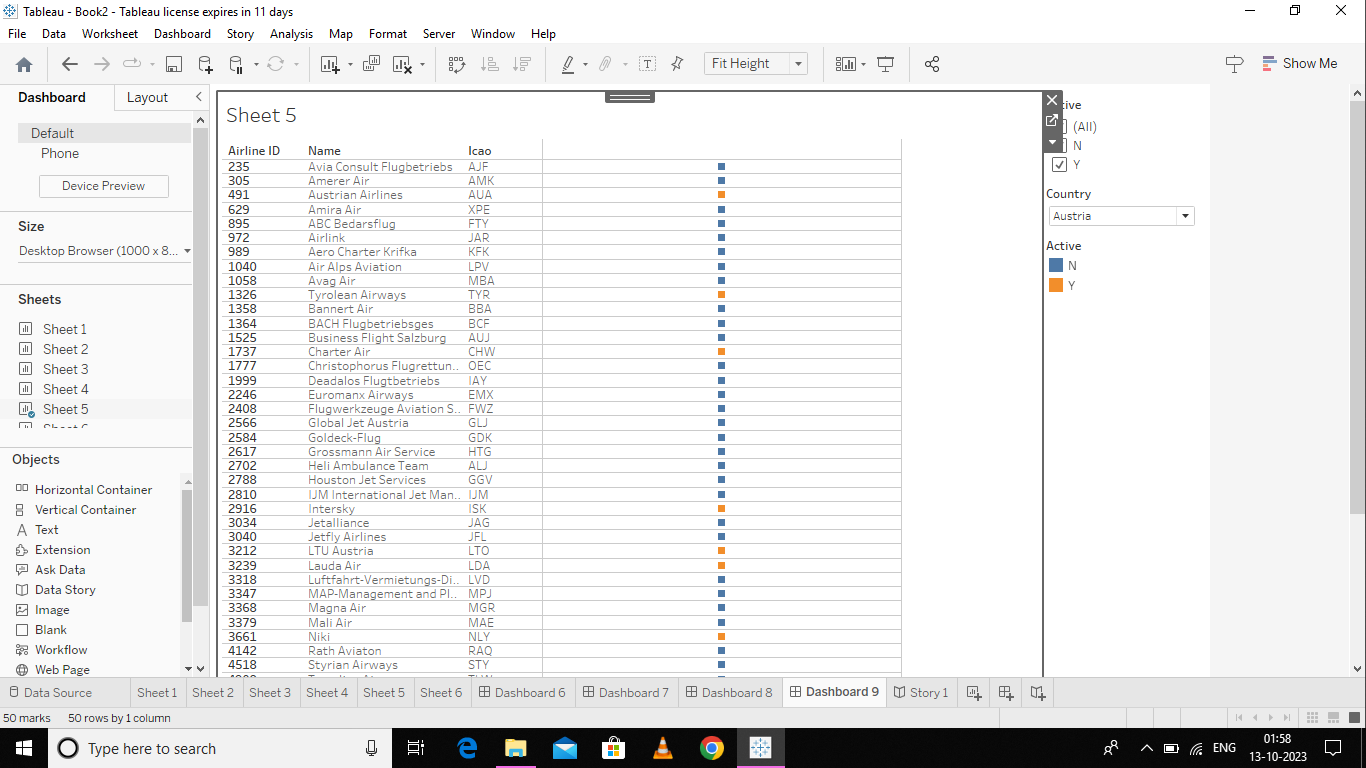


# DASHBOARD

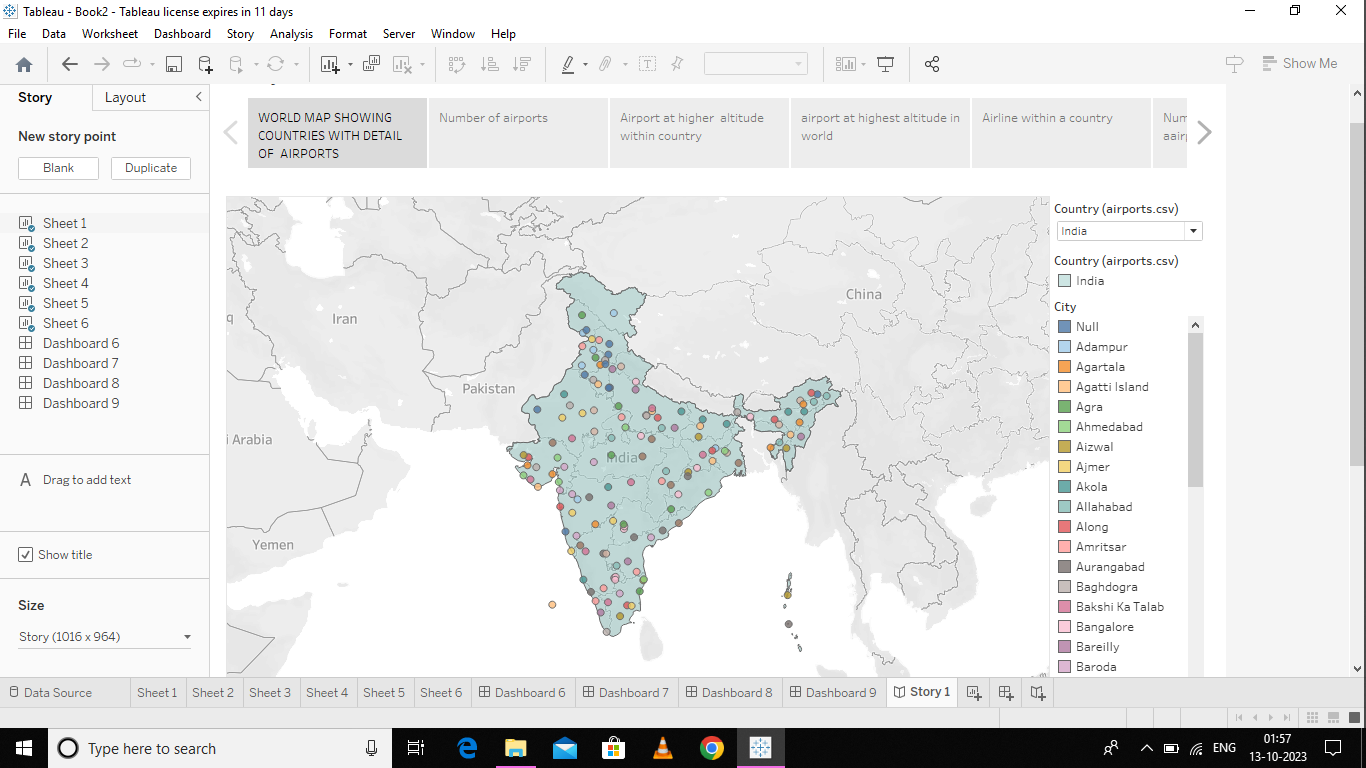








# STORY



# Advantage of air transportation

Emerging technologies are reshaping with robotics, artificial intelligence, the internet of things, unmanned aircraft systems and the push for hybrid and electric airplanes – just to name a few. Alternative fuels can significantly change the current scenario of aviation in support of the environmental protection. 1.Fast delivery times. Undoubtedly, one of the most advantageous features offered by air transport is its speedy delivery times. ...

No Physical Limits. ...

2.Very reliable transportation.

3.Long Distances.

4.Higher Cost.

5.Less storage capacity.

6.Restrictions on goods.

# Global air transportation network

The worldwide air transportation network is represented by the database of International Air Transport Association (IATA). The worldwide air transportation network is a critical infrastructure with high impact on mobility, trade and economy.

# The three importance of air transport

The main characteristics and advantages of air freight transport are speed, reliability in terms of cargo security, lack of access limitations to remote locations.

# The significance of international air transportation

In addition, international air transport makes it possible to cover markets throughout the world. As the plane is the fastest means of transport for the development of international trade operations, it is essential in today's logistics chains.

# CONCLUSION

Flight planning is important for making the flight safe and efficient, where the most priority for any flight is to achieve safety, then as any commercial organization, they care about making efficient flight without compromising with safety.

# FUTURE SCOPE

Emerging technologies are reshaping with robotics, artificial intelligence, the internet of things, unmanned aircraft systems and the push for hybrid and electric airplanes – just to name a few. Alternative fuels can significantly change the current scenario of aviation in support of the environmental protection.

# APPEMDIX

# <https://drive.google.com/file/d/1NUZWV1HclTbAgxVgQMCeei0TK0u3euiN/view?usp=drivesdk>