

# THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS

## OUTPUT SCREENSHOTS

### MILESTONE 6

#### ACTIVITY 1: AMOUNT OF DATA RENDERED IN DB

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'DESKTOP-KFS28UB\SQLEXPRESS01'. The main query window shows the 'airplane\_crash' table structure with the following columns:

TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	COLUMN_NAME	ORDINAL_POSITION	COLUMN_DEFAULT	IS_NULLABLE	DATA_TYPE
THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS	dbo	airplane_crash	Date	1	NULL	NO	date
THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS	dbo	airplane_crash	Location	2	NULL	YES	varchar
THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS	dbo	airplane_crash	Operator	3	NULL	YES	varchar
THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS	dbo	airplane_crash	Route	4	NULL	YES	varchar
THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS	dbo	airplane_crash	Type	5	NULL	YES	varchar
THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS	dbo	airplane_crash	Aboard	6	NULL	YES	int
THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS	dbo	airplane_crash	Fatalities	7	NULL	YES	int
THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS	dbo	airplane_crash	Ground	8	NULL	YES	int

The status bar at the bottom indicates 'Query executed successfully.' and '8 rows'.

The screenshot shows the Microsoft SQL Server Management Studio interface. The Object Explorer on the left displays the database structure for 'DESKTOP-KFS28UB\SQLEXPRESS01'. The main query window shows the 'airplane\_crash' table data with the following columns:

DATA_TYPE	CHARACTER_MAXIMUM_LENGTH	CHARACTER_OCTET_LENGTH	NUMERIC_PRECISION	NUMERIC_PRECISION_RADIX	NUMERIC_SCALE	DATETIME_PRECISION	CHARACTER_SET_NAME
date	NULL	NULL	NULL	NULL	NULL	0	NULL
varchar	-1	-1	NULL	NULL	NULL	NULL	NULL
varchar	-1	-1	NULL	NULL	NULL	NULL	NULL
varchar	-1	-1	NULL	NULL	NULL	NULL	NULL
varchar	-1	-1	NULL	NULL	NULL	NULL	NULL
int	NULL	NULL	10	10	0	NULL	NULL
int	NULL	NULL	10	10	0	NULL	NULL
int	NULL	NULL	10	10	0	NULL	NULL

The status bar at the bottom indicates 'Query executed successfully.' and '8 rows'.

SQLQuery1.sql - DESKTOP-KFS28UB\SQLEXPRESS01.THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS (DESKTOP-KFS28UB\Abu (53)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

Connect -

OP-KFS28UB\SQLEXPRESS01 (SQL Server 16.0.1000 - Databases)

System Databases

Database Snapshots

THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS

Database Diagrams

Tables

System Tables

FileTables

External Tables

Graph Tables

dbo.airplane\_crash

Views

External Resources

Synonyms

Programmability

Query Store

Service Broker

Storage

Security

Server Objects

Replication

Management

Performance Profiler

SQLQuery1.sql - D:\...KFS28UB\Abu (53))

USE [THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS] SELECT \* FROM INFORMATION\_SCHEMA.COLUMNS

Results

	CHARACTER_SET_CATALOG	CHARACTER_SET_SCHEMA	CHARACTER_SET_NAME	COLLATION_CATALOG	COLLATION_SCHEMA	COLLATION_NAME	DOMAIN_CATALOG
1	NULL	NULL	NULL	NULL	NULL	NULL	NULL
2	NULL	NULL	iso_1	NULL	NULL	SQL_Latin1_General_CP1_CI_AS	NULL
3	NULL	NULL	iso_1	NULL	NULL	SQL_Latin1_General_CP1_CI_AS	NULL
4	NULL	NULL	iso_1	NULL	NULL	SQL_Latin1_General_CP1_CI_AS	NULL
5	NULL	NULL	iso_1	NULL	NULL	SQL_Latin1_General_CP1_CI_AS	NULL
6	NULL	NULL	NULL	NULL	NULL	NULL	NULL
7	NULL	NULL	NULL	NULL	NULL	NULL	NULL
8	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Query executed successfully. DESKTOP-KFS28UB\SQLEXPRESS01... DESKTOP-KFS28UB\Abu (53) THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS 00:00:01 8 rows

Ready

Type here to search

Ln 1 Col 55 Ch 55 INS

32°C 11:57 13-04-2023

SQLQuery1.sql - DESKTOP-KFS28UB\SQLEXPRESS01.THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS (DESKTOP-KFS28UB\Abu (53)) - Microsoft SQL Server Management Studio

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USE [THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS] SELECT \* FROM INFORMATION\_SCHEMA.COLUMNS

Results

	CHARACTER_SET_SCHEMA	CHARACTER_SET_NAME	COLLATION_CATALOG	COLLATION_SCHEMA	COLLATION_NAME	DOMAIN_CATALOG	DOMAIN_SCHEMA	DOMAIN_NAME
1	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL
2		iso_1	NULL	NULL	SQL_Latin1_General_CP1_CI_AS	NULL	NULL	NULL
3		iso_1	NULL	NULL	SQL_Latin1_General_CP1_CI_AS	NULL	NULL	NULL
4		iso_1	NULL	NULL	SQL_Latin1_General_CP1_CI_AS	NULL	NULL	NULL
5		iso_1	NULL	NULL	SQL_Latin1_General_CP1_CI_AS	NULL	NULL	NULL
6		NULL	NULL	NULL	NULL	NULL	NULL	NULL
7		NULL	NULL	NULL	NULL	NULL	NULL	NULL
8		NULL	NULL	NULL	NULL	NULL	NULL	NULL

Query executed successfully. DESKTOP-KFS28UB\SQLEXPRESS01... DESKTOP-KFS28UB\Abu (53) THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS 00:00:01 8 rows

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SQLQuery1.sql - D:\...-KFS28UB\Abu (53))

EXEC sp\_help 'dbo.airplane\_crash';

Results Messages

1

Name	Owner	Type	Created_datetime
airplane_crash	dbo	user table	2023-04-10 12:46:48.700

100 %

Column_name	Type	Computed	Length	Prec	Scale	Nullable	TrailingBlanks	FixedLenNullInSource	Collation
1 Date	date	no	3	10	0	no	(n/a)	(n/a)	NULL
2 Location	varchar	no	-1			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
3 Operator	varchar	no	-1			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
4 Route	varchar	no	-1			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
5 Type	varchar	no	-1			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
6 Aboard	int	no	4	10	0	yes	(n/a)	(n/a)	NULL
7 Fatalities	int	no	4	10	0	yes	(n/a)	(n/a)	NULL
8 Ground	int	no	4	10	0	yes	(n/a)	(n/a)	NULL

Query executed successfully.

DESKTOP-KFS28UB\SQLEXPRESS01... DESKTOP-KFS28UB\Abu (53) | THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS | 00:00:08 | 12 rows

Ready

Type here to search

Ln 1 Col 33 Ch 33 INS

32°C 11:53 13-04-2023

SQLQuery1.sql - DESKTOP-KFS28UB\SQLEXPRESS01.THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS (DESKTOP-KFS28UB\Abu (53)) - Microsoft SQL Server Management Studio

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EXEC sp\_help 'dbo.airplane\_crash';

Results Messages

1

Column_name	Type	Computed	Length	Prec	Scale	Nullable	TrailingBlanks	FixedLenNullInSource	Collation
4 Route	varchar	no	-1			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
5 Type	varchar	no	-1			yes	no	yes	SQL_Latin1_General_CP1_CI_AS
6 Aboard	int	no	4	10	0	yes	(n/a)	(n/a)	NULL
7 Fatalities	int	no	4	10	0	yes	(n/a)	(n/a)	NULL
8 Ground	int	no	4	10	0	yes	(n/a)	(n/a)	NULL

Identity

Identity	Seed	Increment	Not For Replication
1 No identity column defined.	NULL	NULL	NULL

RowGuidCol

RowGuidCol
1 No rowguidcol column defined.

Data Locality

Data Locality
1 PRIMARY

Query executed successfully.

DESKTOP-KFS28UB\SQLEXPRESS01... DESKTOP-KFS28UB\Abu (53) | THE TRAGEDY OF FLIGHT: A COMPREHENSIVE CRASH ANALYSIS | 00:00:08 | 12 rows

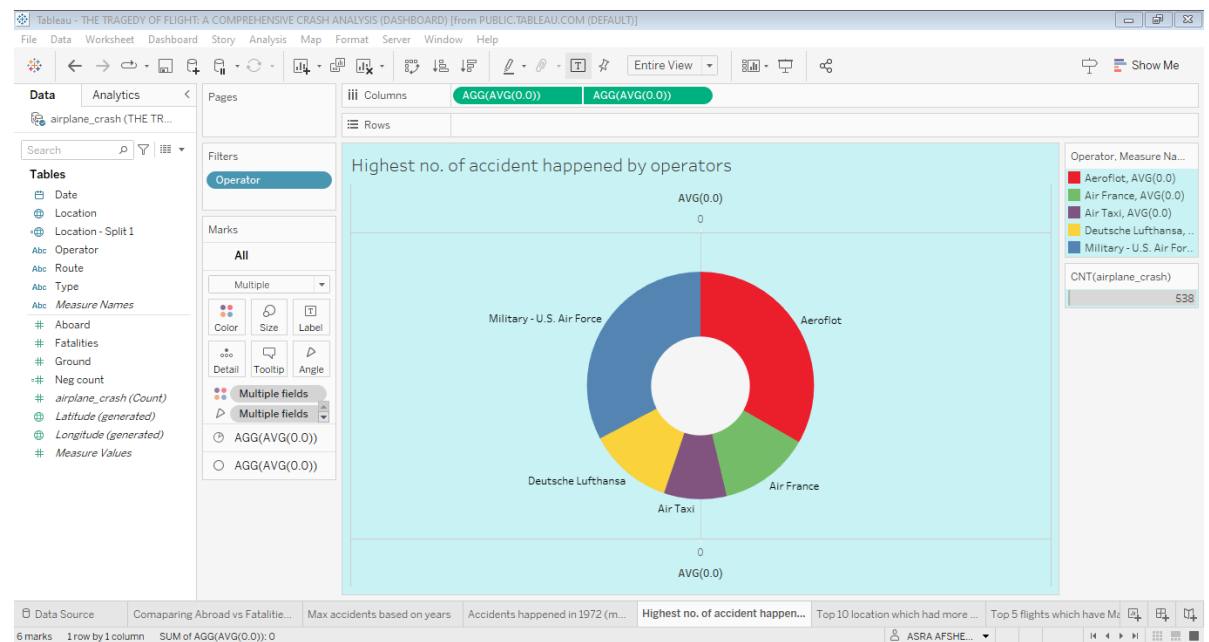
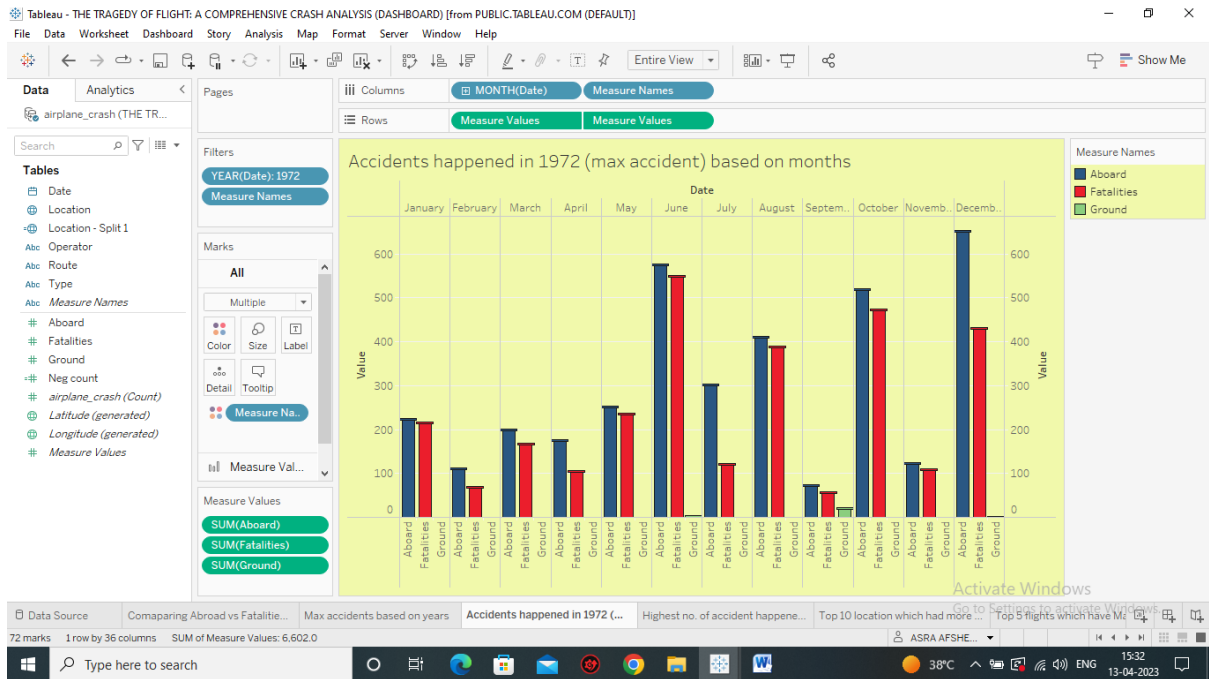
Ready

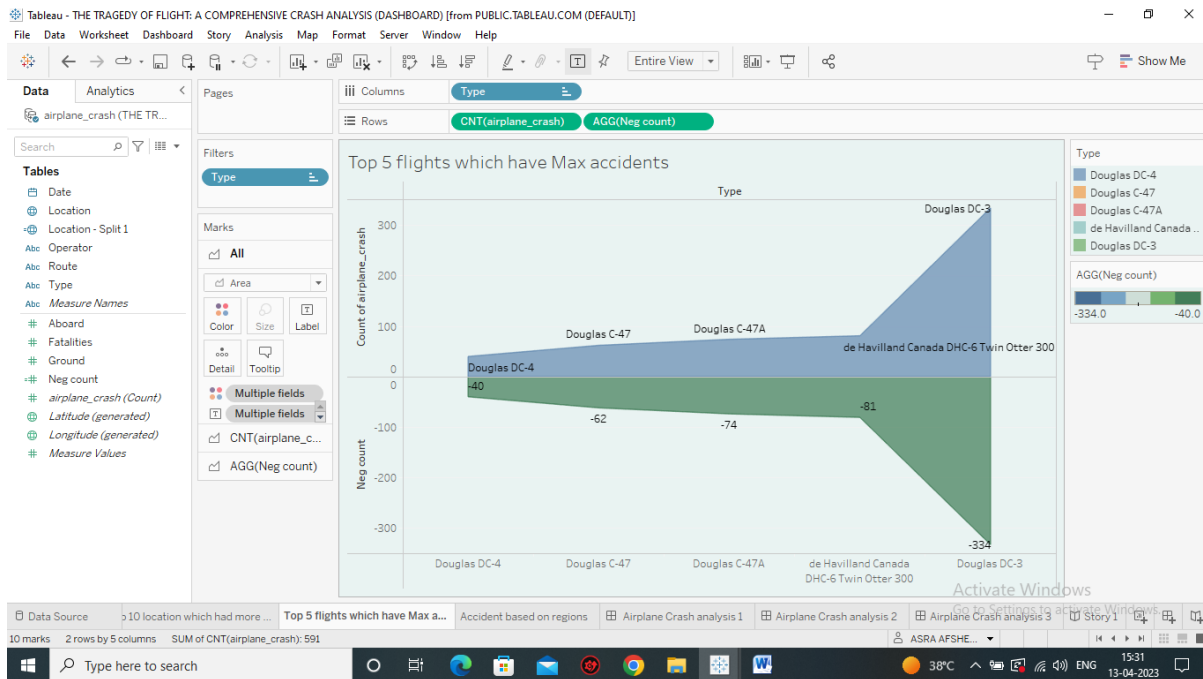
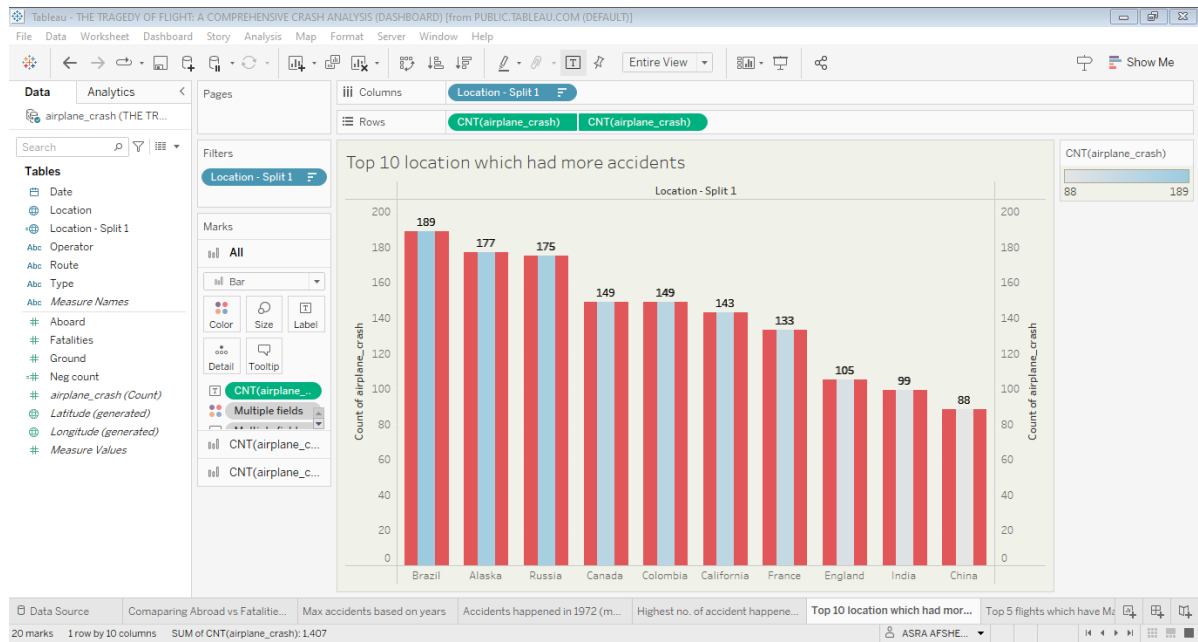
Type here to search

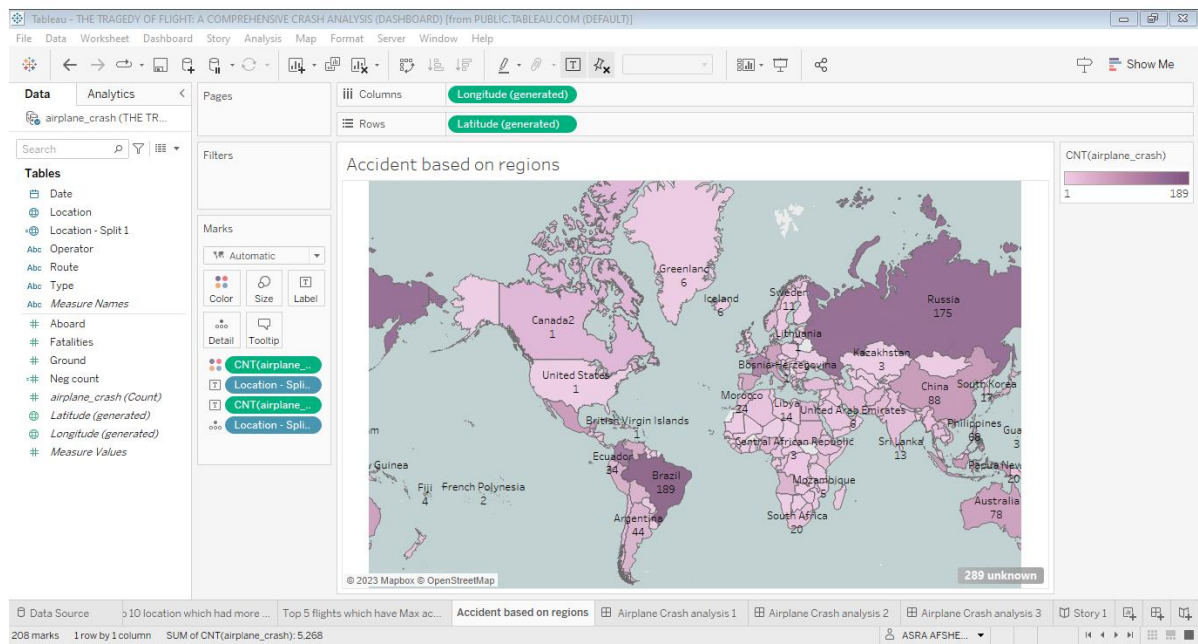
Ln 1 Col 33 Ch 33 INS

32°C 11:53 13-04-2023

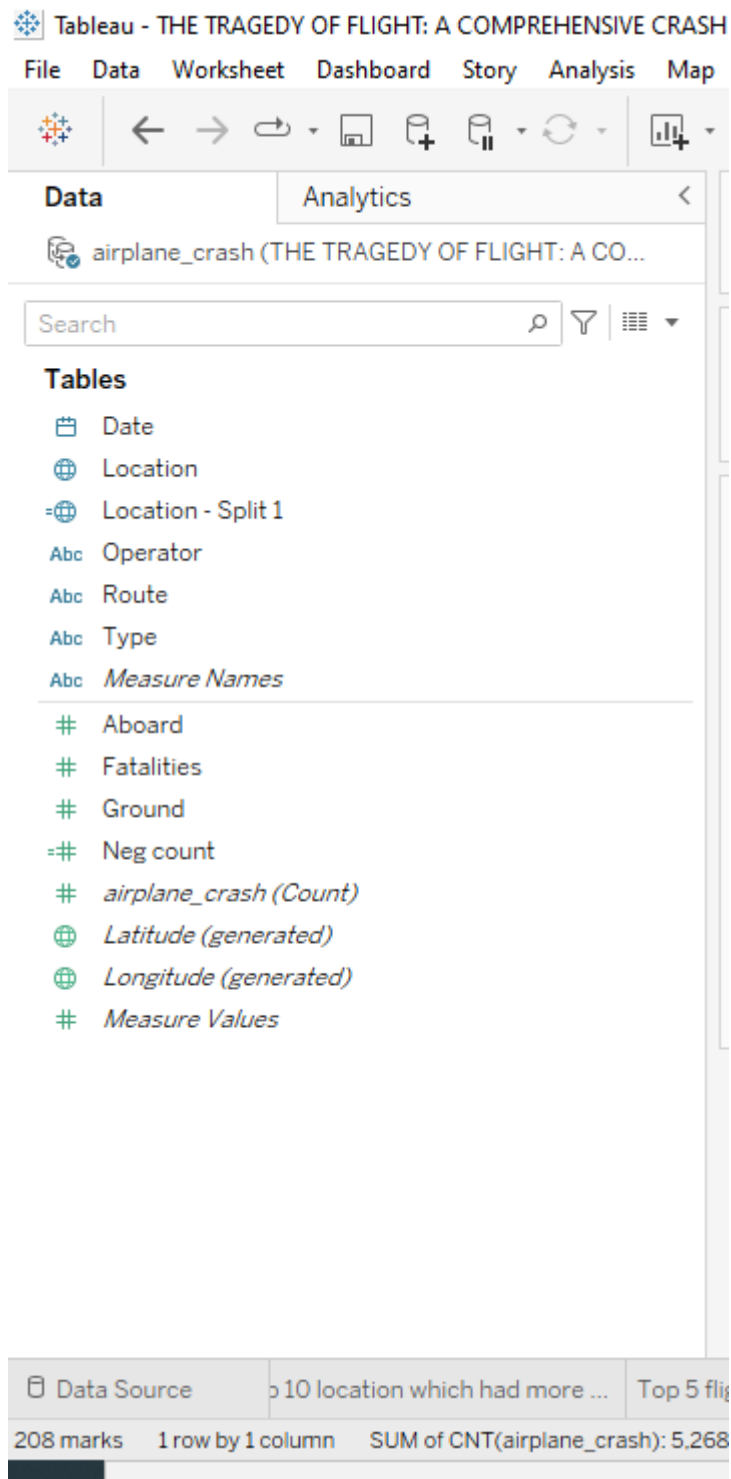






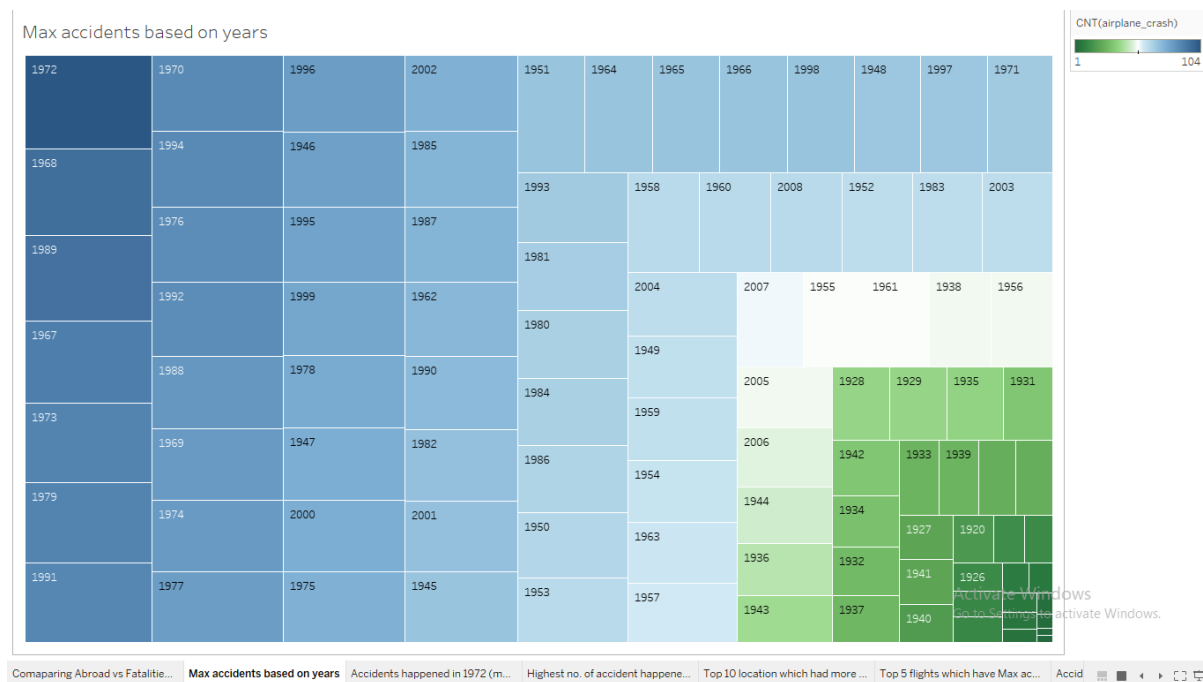
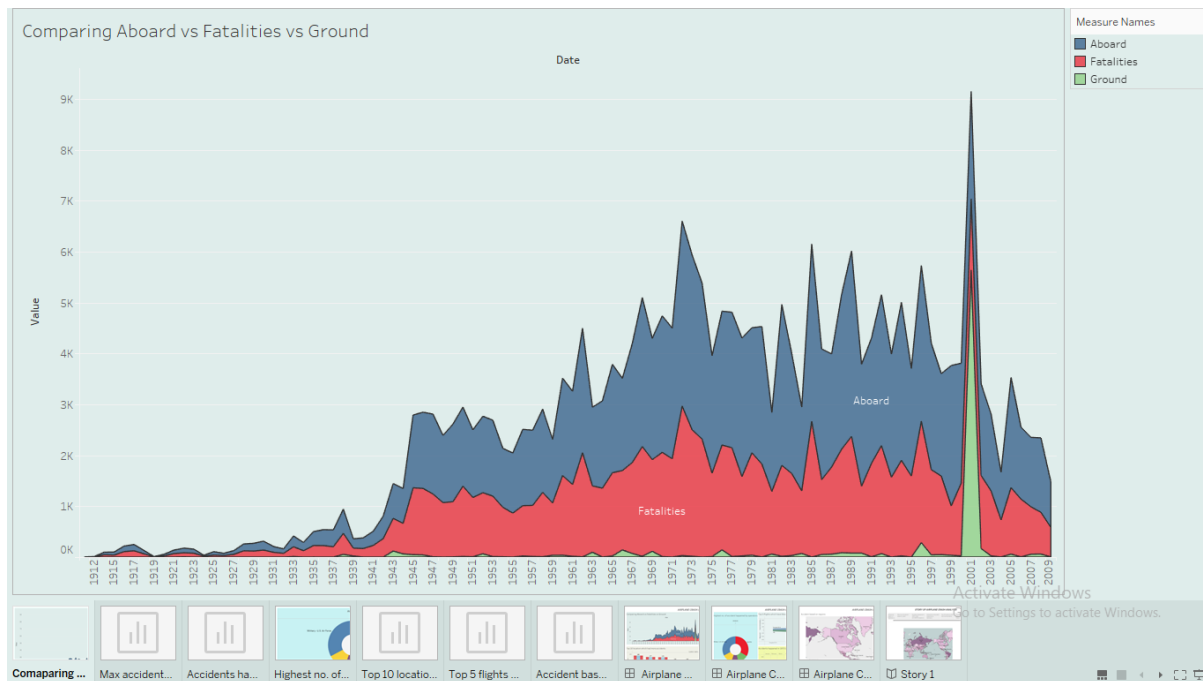


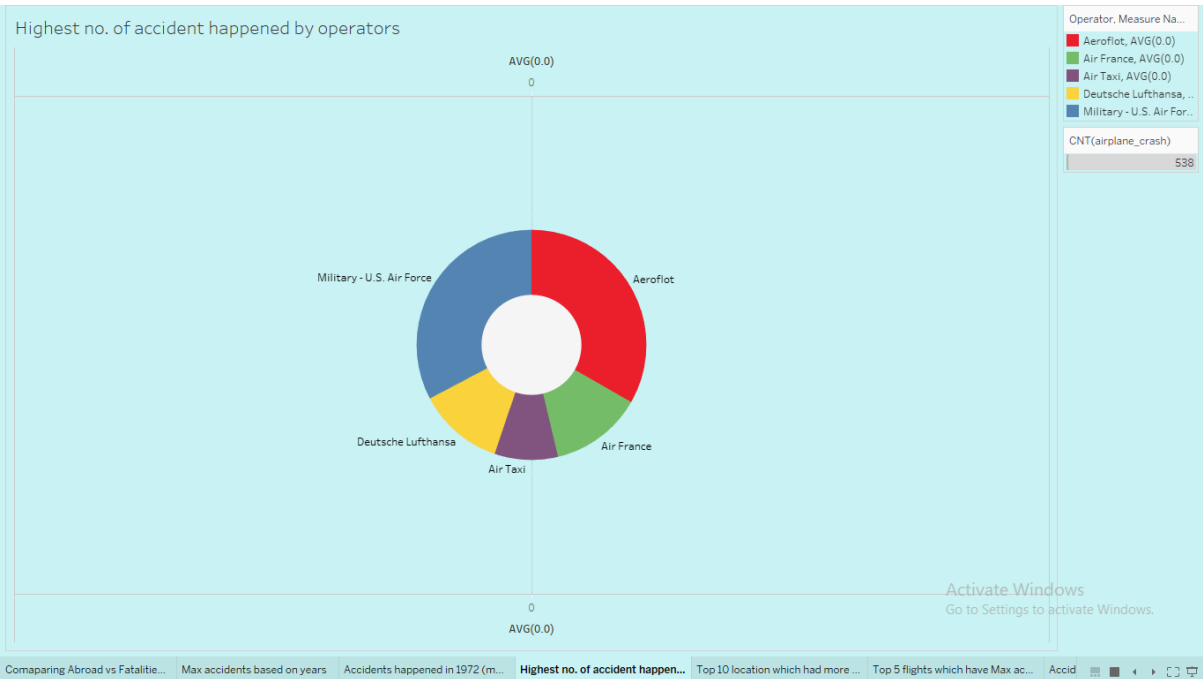
### ACTIVITY 3: NO.OF CALCULATION FIELDS

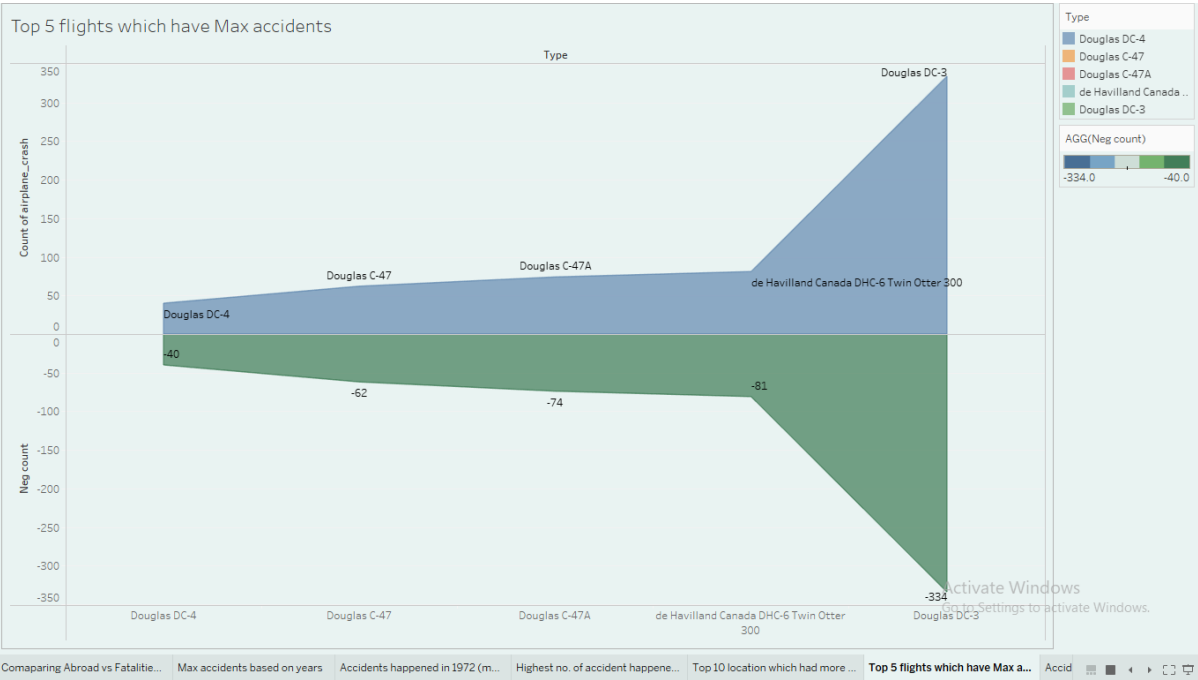
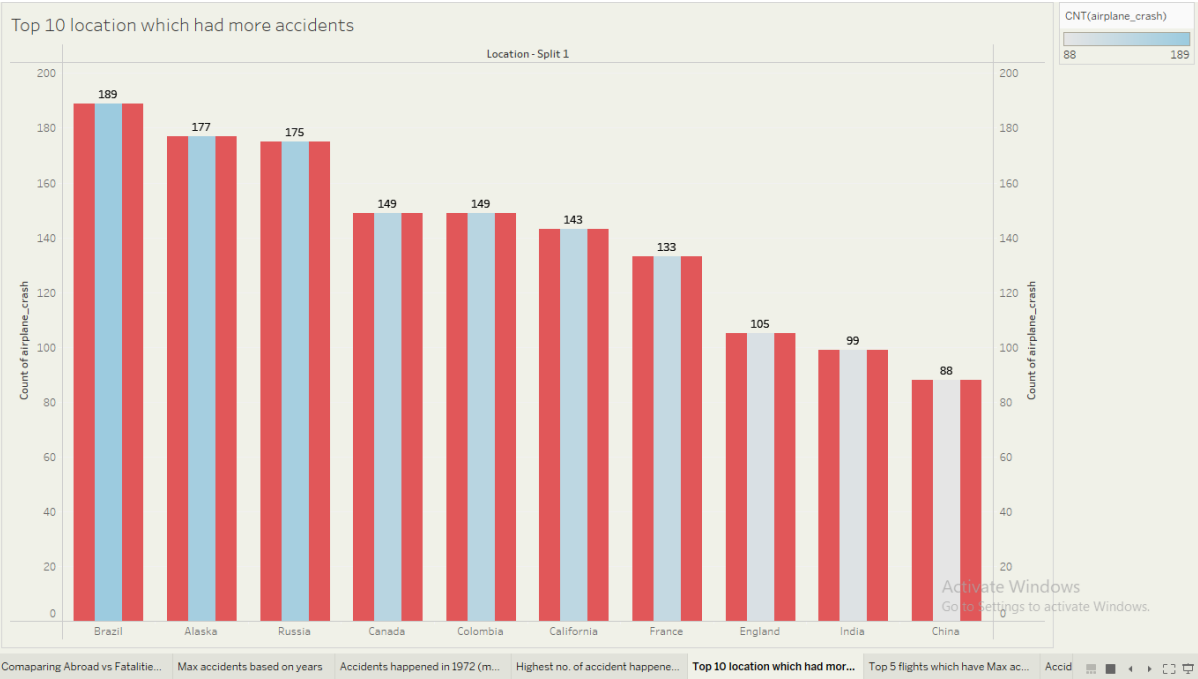




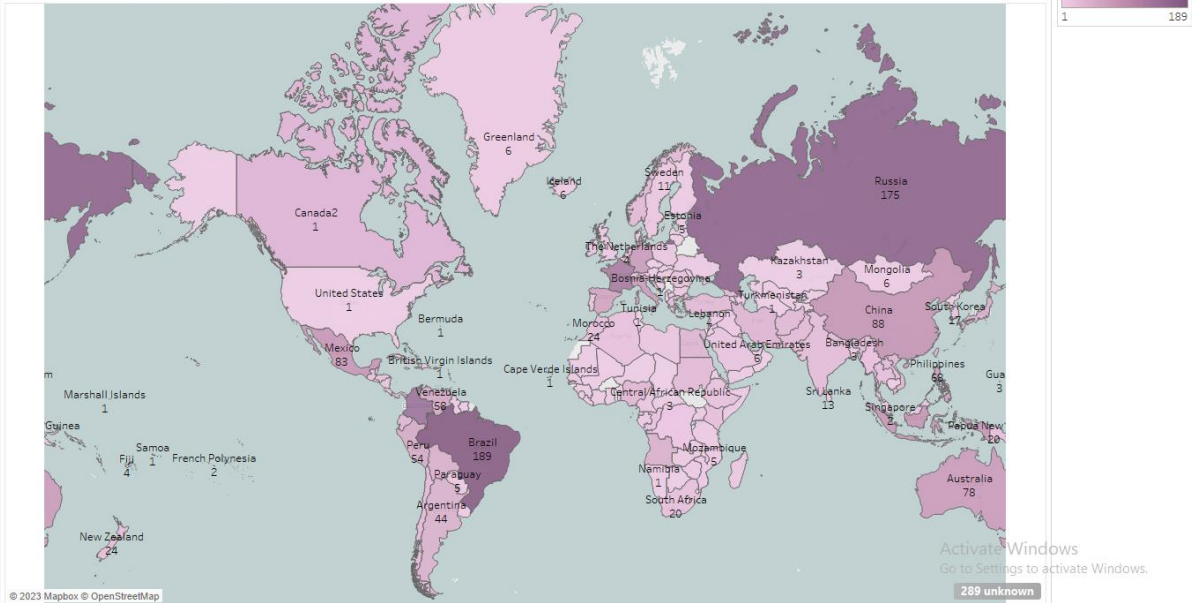
# ACTIVITY 4: NO.OF VISUALIZATIONS/GRAPH



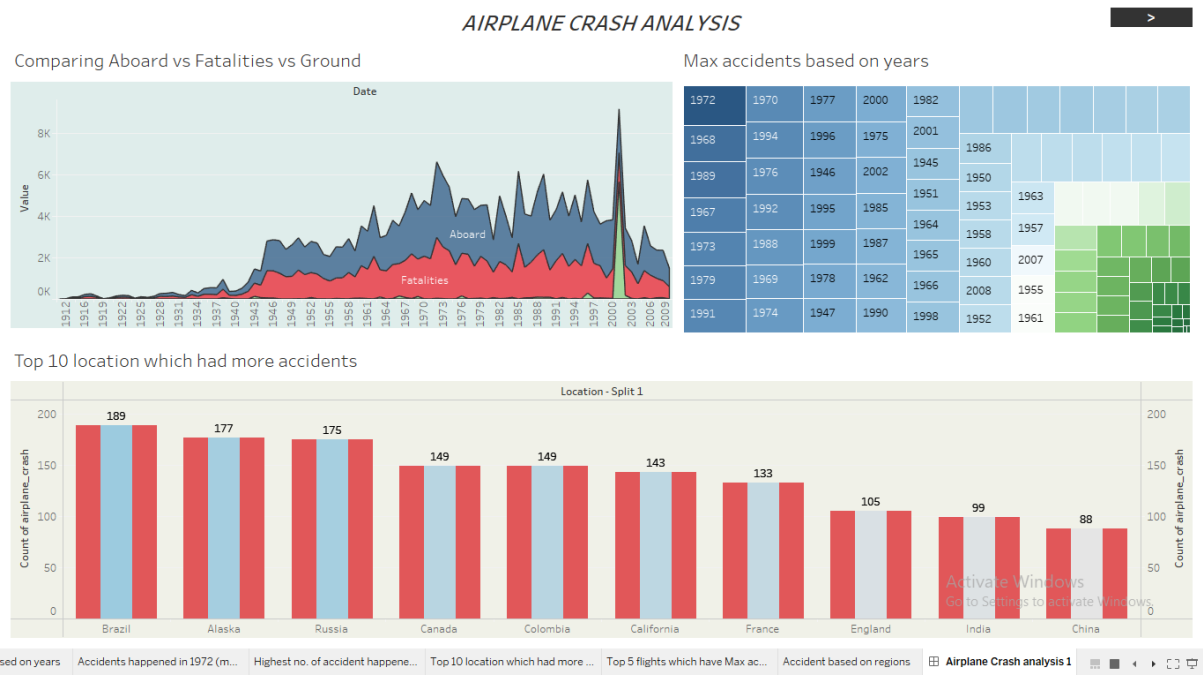




# Accident based on regions



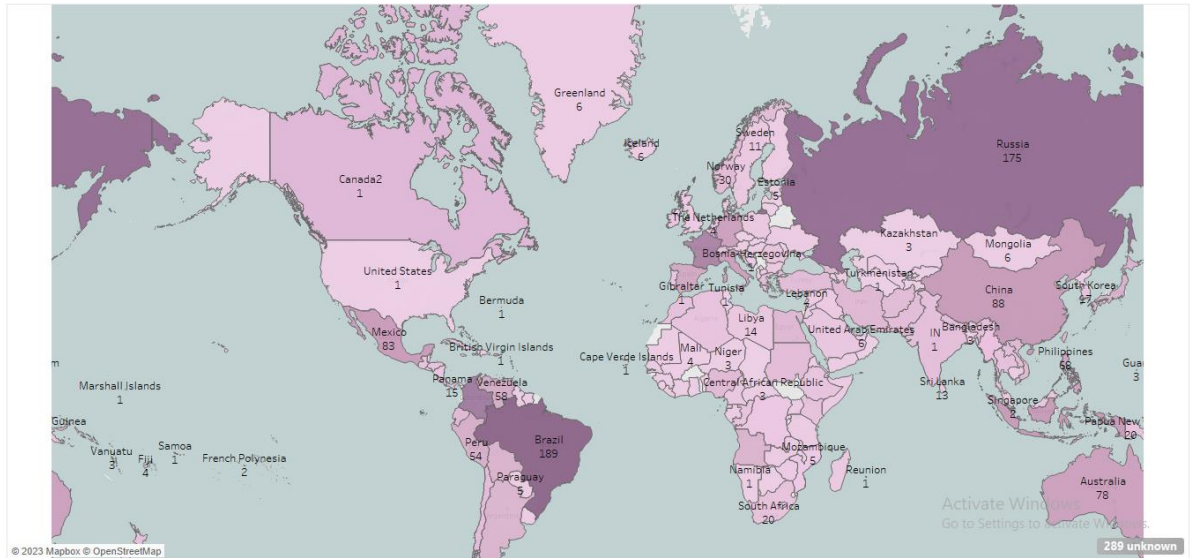
# DASHBOARDS SCREENSHOTS



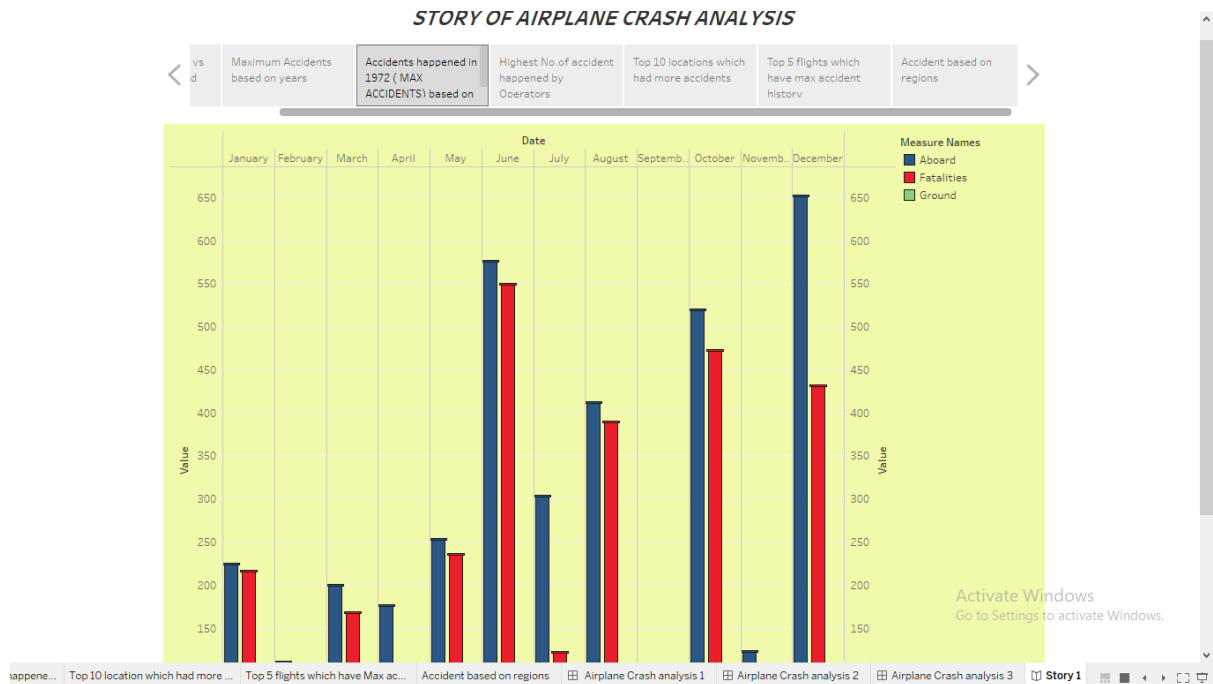
## AIRPLANE CRASH ANALYSIS



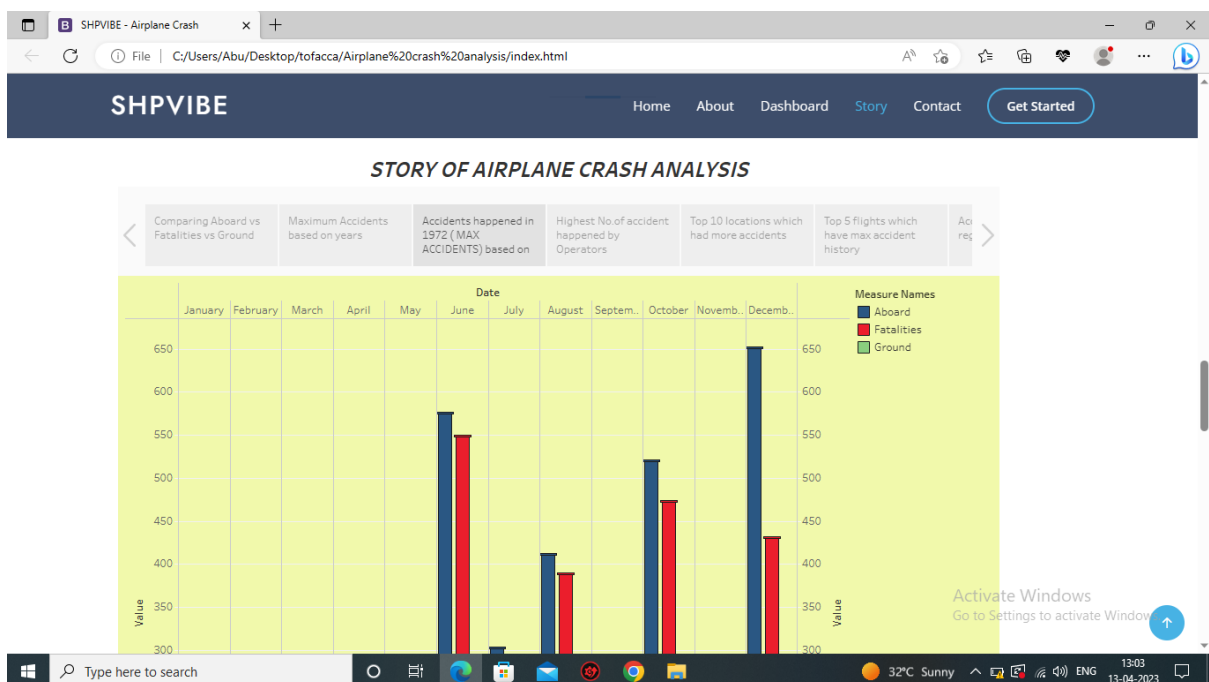
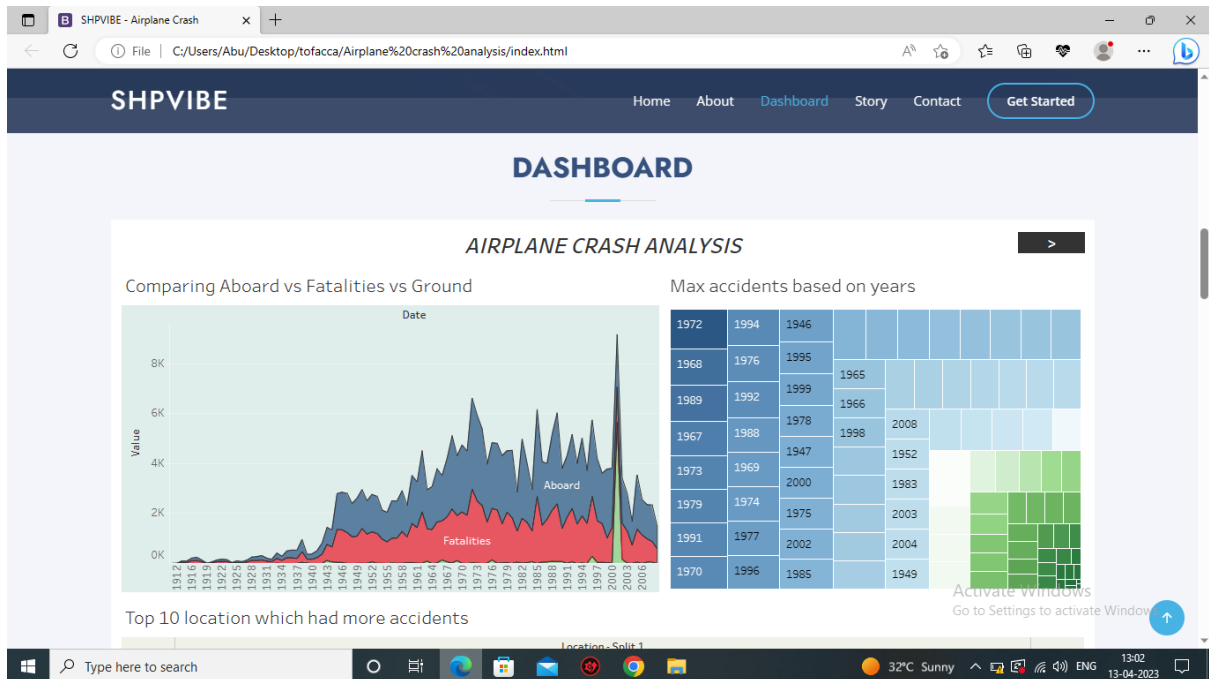
Accident based on regions



# STORY SCREENSHOT



# WEBAPP SCREENSHOTS





```
131 <div class="row">
132 <div class="col-lg-9 text-center text-lg-start">
133 <h3>Call To Action</h3>
134 </div>
135 <div class="col-lg-3 cta-btn-container text-center">
136 <a class="cta-btn align-middle" href="#">Call To Action</a>
137 </div>
138 </div>
139
140 </section><!-- End Cta Section -->
141
142 <!-- ***** Team Section ***** -->
143 <section id="team" class="team section-bg">
144 <div class="container" data-aos="fade-up">
145
146 <div class="section-title">
147 <h2>Dashboard</h2>
148 <div class="tableauPlaceholder" id="viz1681361992239" style="position: relative"><noscript><a href="#"
149 </section><!-- End Team Section -->
150
151 <!-- ***** Pricing Section ***** -->
152 <section id="pricing" class="pricing">
153 <div class="container" data-aos="fade-up">
154
155 <div class="section-title">
156 <h2>Story</h2>
157 </div>
158 <div class="tableauPlaceholder" id="viz1681362530973" style="position: relative"><noscript><a href="#"
159 </section><!-- End Pricing Section -->
160
161
162 <!-- ***** Contact Section ***** -->
163 <section id="contact" class="contact">
```

```
140 </div>
141 </section><!-- End Cta Section -->
142 <!-- ***** Team Section ***** -->
143 <section id="team" class="team section-bg">
144 <div class="container" data-aos="fade-up">
145
146 <div class="section-title">
147 <h2>Dashboard</h2>
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154
155 <div class="section-title">
156 <h2>Story</h2>
157 </div>
158 <div class="tableauPlaceholder" id="viz1681362530973" style="position: relative"><noscript><a href="#"
159 </section><!-- End Pricing Section -->
160
161
162 <!-- ***** Contact Section ***** -->
163 <section id="contact" class="contact">
164 <div class="container" data-aos="fade-up">
165
166 <div class="section-title">
167 <h2>Contact</h2>
168 </div>
169
170 <div class="row">
171 <div class="col-lg-5 d-flex align-items-stretch">
```