Tableau Projects

Welcome to my Tableau Projects repository! Here, you'll find a collection of five different Tableau dashboards that I've created, each focusing on a unique aspect of data visualization and analysis. These projects were developed using real-time data extracted from various datasets on Kaggle.

AirBnB Final Project

For the AirBnB Final Project, I utilized a comprehensive dataset to showcase a detailed analysis and visualization, which includes a wide range of data from AirBnB listings, reviews, and calendar information. This project represents the culmination of my Tableau skills, bringing together various techniques and insights. Below, you'll find the dataset used and a sample screenshot of the dashboard.

Dataset Name: AirBnB Dataset

Dashboard:

Sample Picture of AirBnB Final Project Dataset:

Listings Sheet Dataset:

id	listing_url	scrape_id	last_scraped	name	summary	space
241032	https://www.airbnb.com/room	2.01601E+13	04-01-2016	Stylish Queen Anne Apartment		Make your self at home i
953595	https://www.airbnb.com/room	2.01601E+13	04-01-2016	Bright & Airy Queen Anne Apar	Chemically sensitive? We've re	Beautiful, hypoallergeni
3308979	https://www.airbnb.com/room	2.01601E+13	04-01-2016	New Modern House-Amazing v	New modern house built in 201	Our house is modern, lig
7421966	https://www.airbnb.com/room	2.01601E+13	04-01-2016	Queen Anne Chateau		A charming apartment that sits atop Queen Anne hill, no

Reviews Sheet Dataset:

listing_id	id	date	reviewer_id	reviewer_name	comments
7202016	38917982	19-07-2015	28943674	Bianca	Cute and cozy place. Perfect location to everything!
7202016	39087409	20-07-2015	32440555	Frank	Kelly has a great room in a very central location.
7202016	39820030	26-07-2015	37722850	Ian	Very spacious apartment, and in a great

Calendar Sheet Dataset:

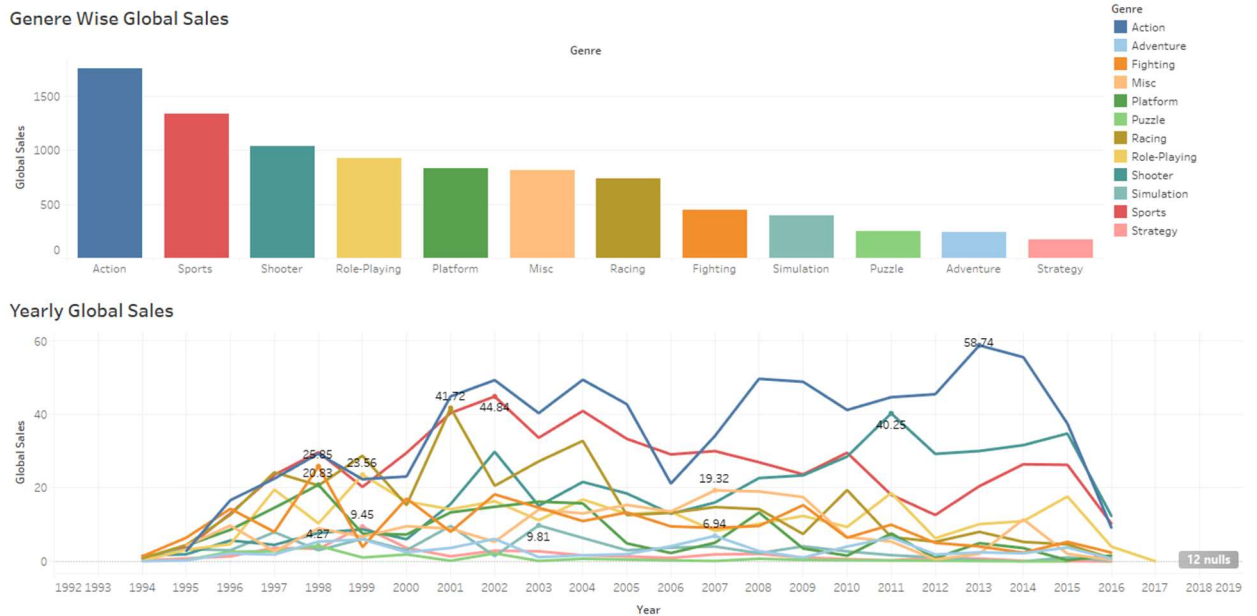| listing_id	date	available	price
241032	01-12-2016	t	$85.00
241032	02-12-2016	t	$85.00
241032	03-12-2016	t	$85.00
241032	04-12-2016	t	$85.00
241032	05-12-2016	t	$85.00
241032	06-12-2016	t	$85.00
241032	07-12-2016	t	$85.00

Other Projects

The following projects were created using the 'vgsales', 'directory', and 'joins' datasets, which include a wide range of data from video game sales, store directories, and employee records. These datasets capture various details such as game names, platforms, sales data, store locations, and more.

1. **Introduction to Tableau:**

   Dataset Name: vgsales

   Dashboard:

2. **Calculated Fields and Bins:**

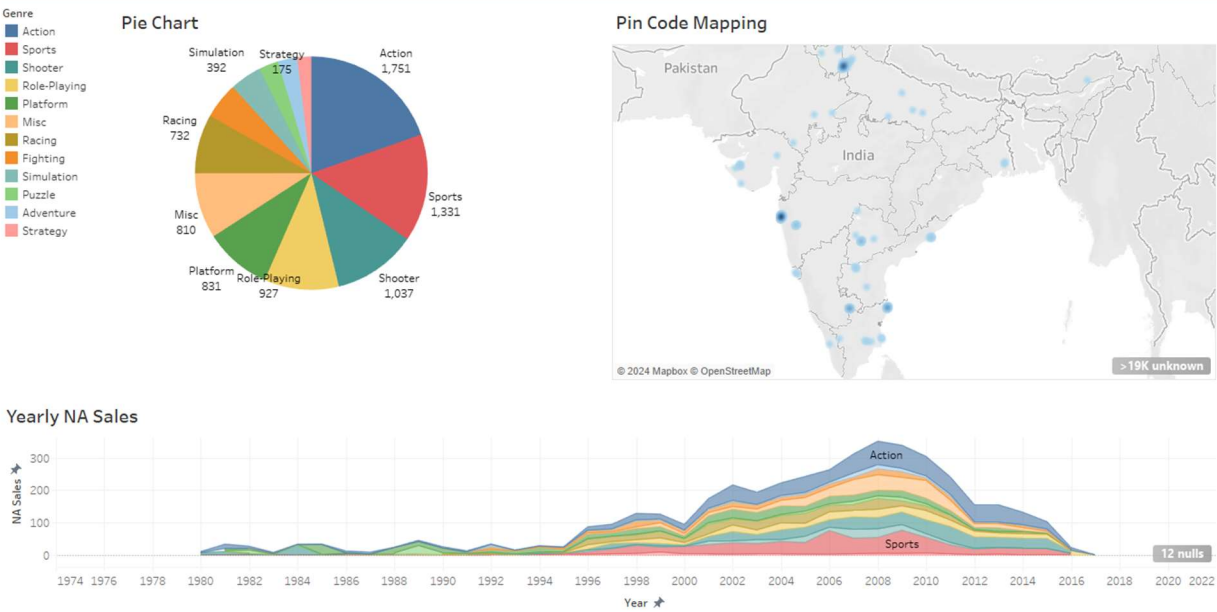   **Dataset Name:** vgsales

   Dashboard:

3. **Visualizations:**

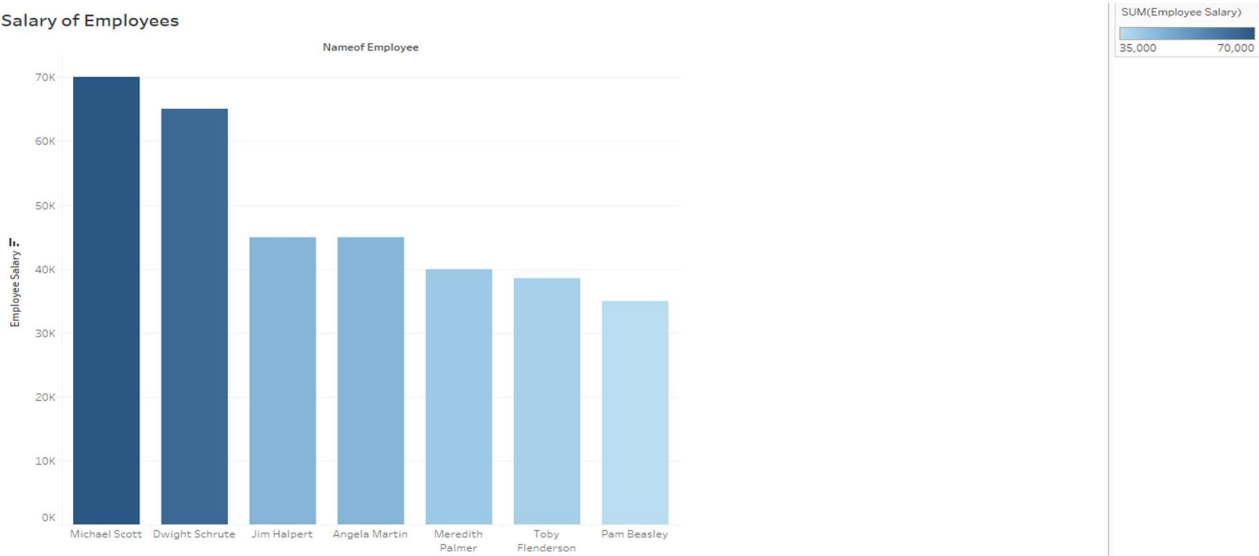   **Dataset Name:** vgsales and directory

   Dashboard:

4. **Joins:**

   Dataset Name: Joins dataset (Excel file containing Demographics, JobTitle, and sheets)

   Dashboard:

Sample Photos of vgsales, Joins, and Directory Datasets:

Vgsales Dataset:

Rank	Name	Platform	Year	Genre	Publisher	NA_Sales	EU_Sales	JP_Sales	Other_Sales	Global_Sales
1	Wii Sports	Wii	2006	Sports	Nintendo	41.49	29.02	3.77	8.46	82.74
2	Super Mario Bros.	NES	1985	Platform	Nintendo	29.08	3.58	6.81	0.77	40.24
3	Mario Kart Wii	Wii	2008	Racing	Nintendo	15.85	12.88	3.79	3.31	35.82
4	Wii Sports Resort	Wii	2009	Sports	Nintendo	15.75	11.01	3.28	2.96	33
5	Pokemon Red/Pokemon Blue	GB	1996	Role-Playing	Nintendo	11.27	8.89	10.22	1	31.37
6	Tetris	GB	1989	Puzzle	Nintendo	23.2	2.26	4.22	0.58	30.26

Joins Dataset:

Demographics Sheet Dataset:

EmployeeID	NameofEmployee	EmployeeAge	EmployeeGender
1001	Jim Halpert	35	Male
1002	Pam Beasley	35	Female
1003	Dwight Schrute	37	Male
1004	Toby Flenderson	38	Male

JobTitle Sheet Dataset:

EmployeeID	EmployeeName	JobTitle
1001	Jim Halpert	Salesman
1002	Pam Beasley	Receptionist
1003	Dwight Schrute	Assistant to the Regional Manager
1004	Toby Flenderson	HR

Salary Sheet Dataset:

EmployeeID	EmployeeSalary
1001	45000
1002	35000
1003	65000
1004	38500

Directory Dataset:

Brand	Store Number	Store Name	Ownership Type	Street Address	City	State/Province	Country	Postcode	Phone Number	Timezone	Longitude	Latitude
Starbucks	47370-257954	Meritxell, 96	Licensed	Av. Meritxell, 96	Andorra la Vella	7	AD	AD500	376818720	GMT+1:00 E	1.53	42.51
Starbucks	22331-212325	Ajman Drive Thru	Licensed	1 Street 69, Al Jarf	Ajman	AJ	AE			GMT+04:00	55.47	25.42
Starbucks	47089-256771	Dana Mall	Licensed	Sheikh Khalifa Bin Zayed St.	Ajman	AJ	AE			GMT+04:00	55.47	25.39
Starbucks	22126-218024	Twofour 54	Licensed	Al Salam Street	Abu Dhabi	AZ	AE			GMT+04:00	54.38	24.48
Starbucks	17127-178586	Al Ain Tower	Licensed	Khaldiya Area, Abu Dhabi Island	Abu Dhabi	AZ	AE			GMT+04:00	54.54	24.51

About the Datasets

AirBnB Dataset: The 'AirBnB' dataset is a rich source of information gathered from AirBnB listings, reviews, and calendar data. It includes the following data points:

Listings:

- id, listing_url, scrape_id, last_scraped, name, summary, space, description, experiences_offered, neighborhood_overview, notes, transit, thumbnail_url, medium_url, picture_url, xl_picture_url, host_id, host_url, host_name, host_since, host_location, host_about, host_response_time, host_response_rate, host_acceptance_rate, host_is_superhost, host_thumbnail_url, host_picture_url, host_neighbourhood, host_listings_count, host_total_listings_count, host_verifications, host_has_profile_pic, host_identity_verified, street, neighbourhood, neighbourhood_cleansed, neighbourhood_group_cleansed, city, state, zipcode, market, smart_location, country_code, country, latitude, longitude, is_location_exact, property_type, room_type, accommodates, bathrooms, bedrooms, beds, bed_type, amenities, square_feet, price, weekly_price, monthly_price, security_deposit, cleaning_fee, guests_included, extra_people, minimum_nights, maximum_nights,

calendar_updated, has_availability, availability_30, availability_60, availability_90, availability_365, calendar_last_scraped, number_of_reviews, first_review, last_review, review_scores_rating, review_scores_accuracy, review_scores_cleanliness, review_scores_checkin, review_scores_communication, review_scores_location, review_scores_value, requires_license, license, jurisdiction_names, instant_bookable, cancellation_policy, require_guest_profile_picture, require_guest_phone_verification, calculated_host_listings_count, reviews_per_month.

Reviews:

- listing_id, id, date, reviewer_id, reviewer_name, comments.

Calendar:

- listing_id, date, available, price.

vgsales Dataset: The 'vgsales' dataset is a comprehensive collection of video game sales data. It includes the following data points:

- Rank, Name, Platform, Year, Genre, Publisher, NA_Sales, EU_Sales, JP_Sales, Other_Sales, Global_Sales.

Directory Dataset: The 'Directory' dataset captures various details about stores and their locations. It includes the following data points:

- Brand, Store Number, Store Name, Ownership Type, Street Address, City, State/Province, Country, Postcode, Phone Number, Timezone, Longitude, Latitude.

Joins Dataset The 'Joins' dataset is an Excel file that contains three sheets with the following data points:

Demographics:

- EmployeeID, NameofEmployee, EmployeeAge, EmployeeGender.

JobTitle:

- EmployeeID, EmployeeName, JobTitle.

Salary:

- EmployeeID, EmployeeSalary.

Feel free to explore each Tableau file and dataset to see how I've utilized this data to create insightful and visually appealing dashboards.