**Fast Food Sales — Power BI Report**

This repository contains the Power BI report and supporting files for the **Fast Food Sales** analysis. The report provides actionable insights into sales, profitability, customer behaviour and item performance across time.

**📌 What's included**

* report/FastFoodSales.pbix — Power BI Desktop file (store with Git LFS if >50 MB).
* data/fast\_food\_sales.csv — cleaned dataset used by the report (CSV for reproducibility).
* assets/ — images, exported charts, and thumbnails used in the report and README.
* README.md — this document.
* LICENSE — license for the repository (optional).

**Dashboard summary**

**Key Performance Indicators (KPIs)**

* **Total Sales (Transaction Amount)** — total revenue from fast food and beverages.
* **Total Quantity Sold** — total units sold.
* **Top-Selling Item** — *Sandwich* (highest revenue).
* **Beverage vs Fast Food Share** — split of revenue (Fast Food ≈ 69%, Beverages ≈ 31%).
* **Average Transaction Value** — average spending per order.

**Pages & Visuals**

1. **Overview** — KPIs, overall sales trends, top-performing items.
2. **Item Performance** — item-wise revenue & quantity; top items (Sandwich, Frankie, Cold Coffee, Sugarcane Juice); low performers (Aalopuri, Panipuri).
3. **Time & Transactions** — transaction amount distribution (most sales 200–400 INR); time-of-day trends (Evening & Night peaks).
4. **Item Type Analysis** — Fast Food vs Beverages share; receiver-based sales (Mr/Mrs) donut charts; cross-sell opportunities (e.g., Sandwich + Cold Coffee).

**Business value**

* Identifies high- and low-performing products for menu optimization.
* Guides staffing and promotions based on time-of-day demand.
* Reveals category-level performance to drive combos and cross-sells.
* Helps balance staff workload by showing Mr./Mrs. order splits.

**How to add this project to GitHub**

**Option A — From your local machine (recommended)**

1. Create a new repository on GitHub (do not initialize with README if you already have local files).
2. From your project folder run:

git init

git add .

git commit -m "Initial commit — Fast Food Sales Power BI report"

git branch -M main

git remote add origin https://github.com/<YOUR\_USERNAME>/<REPO\_NAME>.git

# If your pbix is >50 MB use Git LFS (see below) before pushing

git push -u origin main

**Option B — Upload via GitHub web UI**

1. Create a new repo on GitHub.
2. Use **Add file → Upload files** and drag \*.pbix, CSV and assets.
3. Commit the upload.

**Git LFS (for large .pbix files)**

GitHub limits normal pushes to files < 50 MB. Power BI .pbix files often exceed that. Use Git Large File Storage (LFS):

# install git-lfs (OS-specific instructions on https://git-lfs.github.com/)

git lfs install

git lfs track "\*.pbix"

# commit the .gitattributes change

git add .gitattributes

git add report/FastFoodSales.pbix

git commit -m "Add pbix with LFS"

git push origin main

Make sure .gitattributes is checked in; it tells Git to store pbix blobs in LFS.

**Recommended repository structure**

/ (repo root)

├─ report/FastFoodSales.pbix

├─ data/fast\_food\_sales.csv

├─ assets/ (images & chart exports)

├─ README.md

└─ .gitattributes (if using Git LFS)

**How GitHub can "read" or preview your report**

* **Static preview**: Commit report/FastFoodSales.pdf (export from Power BI Desktop to PDF) — GitHub will render PDFs in-browser.
* **Images**: Export important visuals as PNG/JPEG into assets/ and reference them in this README for quick visual context.
* **Interactive embed**: Publish the report to **Power BI Service** and (with proper sharing/embed permissions or Power BI Embedded) add a link or an iframe to a GitHub Pages site. Note: interactive embedding requires Power BI Service (Pro or Premium) and appropriate embed tokens.

**Optional: GitHub Pages + Static HTML dashboard**

If you want a public, lightweight presentation of findings, export key charts as images and create a simple static HTML page (or use the README) and enable GitHub Pages. For a single-file site:

* Create index.html displaying images and text. Enable Pages in repo settings.

This is suitable for sharing summary visuals but **not** for interactive Power BI features.

**Example README content (you can copy-paste)**

**Fast Food Sales — Power BI Report**  
A Power BI dashboard analyzing sales and transaction patterns for a fast-food outlet. Includes overview KPIs, item-level analysis, transaction distributions, and category performance. Top items: Sandwich, Frankie, Cold Coffee. Peak hours: Evening & Night. Fast Food contributes ~69% of sales.

**Troubleshooting & tips**

* If your push fails because the pbix is large, follow the Git LFS steps above.
* If collaborators need the .pbix but the file is large, consider sharing via a secure cloud link (OneDrive / Google Drive) and keep a CSV + visuals in the repo for reproducibility.
* Keep the dataset CSV and any data transformation scripts (Power Query M files or exported transformations) in the repo so others can reproduce the report.

**License**

Choose a license (MIT, Apache-2.0, etc.) and add a LICENSE file.

**Need me to create files for you?**

If you’d like, I can generate a ready-to-paste README.md (this file), a sample .gitattributes for Git LFS, and a .gitignore tailored to Power BI projects. Just tell me which files you want and I will prepare their contents for you to copy into your repo.

*Generated for: Fast Food Sales Power BI Report*