**✅ 1-Page Resume Bullets (COVID-19 Global Dashboard Project)**

**COVID-19 Global Analysis Dashboard | Python, SQL, Tableau**

* Collected and cleaned 500,000+ rows of global COVID-19 data from *Our World in Data* using Python (pandas, numpy), ensuring date consistency, realistic daily values, and removal of duplicates.
* Designed and implemented advanced SQL queries in PostgreSQL to calculate realistic daily new cases, deaths, and vaccinations; corrected overcounting by excluding aggregate rows for continents/regions.
* Built 10+ visualizations in Tableau: global daily new cases, trend lines, top countries by cases & deaths, vaccination trends per continent, mortality rates, and a world map with color gradients.
* Developed KPI tiles highlighting global total cases (775M+), total deaths (7M+), and total vaccinations (13.7B+), providing instant high-level insights.
* Automated time-series trend analysis showing yearly changes: identified highest single-day spike (177M+ cases) and global mortality rate decline from 2.36% (2020) to 0.91% (2024).
* Combined Python (Plotly) and Tableau for an interactive, filterable dashboard, enabling clear global, regional, and country-level insights for stakeholders.
* Delivered final project including cleaned CSV, Jupyter Notebook, SQL scripts, Tableau .twbx file, and a 1-page key findings report.

**Key Skills:** Data Cleaning, SQL (PostgreSQL), EDA, Time-Series Analysis, KPI Reporting, Tableau Dashboarding, Plotly, Data Storytelling

✅ **Use case:**  
Plug these bullets directly under a Projects or Experience section. Adjust length if needed to match your resume format.

If you’d like, I can next write the **LinkedIn post draft** — ready?

**You said:**

yes

**ChatGPT said:**

Awesome! Here’s a **professional LinkedIn post draft** you can use to share your COVID-19 Global Analysis dashboard — designed to showcase your skills, approach, and impact in a crisp, engaging way:

**✅ LinkedIn Post Draft**

🌍 **New Project Live: COVID-19 Global Analysis Dashboard**

In the past few weeks, I built an **end-to-end data project** analyzing the global impact of COVID-19 — covering confirmed cases, deaths, vaccination trends, and mortality rates — using **Python, SQL, and Tableau**.

**🔍 What I did:**

* Cleaned & prepared 500,000+ rows of COVID-19 data from *Our World in Data*.
* Wrote advanced SQL queries to fix cumulative data pitfalls (like double-counting continents or totals).
* Automated time-series trends to show how global daily new cases evolved from 2020 to 2024.
* Created **10+ interactive Tableau visuals**, including:
  + Global daily new cases line chart
  + Global mortality rate yearly trend
  + Dual-axis trend line for total cases & deaths over time
  + World map with total cases by country (color gradient)
  + Vaccination progress per continent
  + Top 10 countries by total cases & deaths
  + KPI tiles for total global cases (775M+), deaths (7M+), vaccinations (13.7B+)

**📊 Tools Used:**  
✅ Python (Pandas, NumPy, Plotly)  
✅ SQL (PostgreSQL)  
✅ Tableau for dashboarding & storytelling

**🔑 Key Insights:**

* Verified realistic global trends by carefully separating daily new data from cumulative reporting.
* Tracked how global mortality rates dropped from 2.36% in 2020 to ~0.91% by 2024.
* Visualized vaccination progress — highlighting how Asia alone crossed 7B+ doses.

I learned a lot about **cleaning real-world messy data**, structuring clear queries, and building **visual stories** that turn raw numbers into clear, actionable insight.

💡 **Next up:** Exploring deeper trend forecasting, regional drill-downs, and predictive models.

If you’d like to see the full dashboard or talk about this project, I’d love to share more!

#DataAnalysis #SQL #Tableau #Python #COVID19 #Dashboard #DataVisualization #PortfolioProject #DataScience

When you post:  
✅ Add a carousel or 1–2 screenshots of your best charts.  
✅ Optionally link your Tableau Public or GitHub if you want people to see the full dashboard.  
✅ End with an invite to connect — people love when you make it easy for them to comment or ask questions.

**Ready to move on to your final slides / case study deck?** I can help outline **how to structure the slides** next!

**You said:**

yes

**ChatGPT said:**

Perfect! Let’s outline your **Case Study Slides** — this will turn your project into a polished, portfolio-ready story you can present or share as a PDF.

Here’s a **professional, clean 6–8 slide structure** for your **COVID-19 Global Analysis**:

**📊 COVID-19 Global Analysis — Case Study Slides**

**✅ Slide 1 — Cover Slide**

**Title:** *COVID-19 Global Analysis Dashboard*  
**Subtitle:** *An end-to-end data analytics & visualization project*  
**Your Name** | *Data Analyst*  
**Tools:** Python · SQL · Tableau

**✅ Slide 2 — Project Overview**

**Goal:** Analyze worldwide COVID-19 cases, deaths, mortality rates & vaccination trends.  
**Dataset:** Our World in Data — COVID-19 (owid-covid-data.csv)  
**Key Focus:**

* Clean, reliable trends — no double-counting
* Global & country-level insights
* Clear, interactive visuals

**✅ Slide 3 — Data Cleaning & Preparation**

**What I Did:**

* Checked for missing values & duplicates
* Standardized date formats & country names
* Used Python (Pandas) for data cleaning
* Uploaded cleaned data to PostgreSQL for querying

**Outcome:** Robust, ready-to-query dataset

**✅ Slide 4 — Key SQL Analysis**

**Highlights:**

* Wrote advanced queries for:
  + Global daily new cases & deaths
  + Total cases, deaths & vaccinations
  + Mortality rate trends by year
  + Top 10 countries by cases & deaths
* Avoided cumulative overlap by using new\_cases and new\_vaccinations instead of totals

**✅ Slide 5 — Tableau Dashboard**

**Visuals Built:**

* Global daily new cases (line)
* Global mortality rate (yearly trend)
* Dual-axis trend: total cases & deaths over time
* Map: total cases by country
* Top 10 countries by total cases & deaths (bar)
* Vaccination progress per continent
* Global KPIs: cases, deaths, vaccinations

**✅ Slide 6 — Key Findings**

* 🌍 *Total Cases:* 775M+
* ⚰️ *Total Deaths:* 7M+
* 💉 *Total Vaccinations:* 13.7B+ doses
* Mortality rate dropped from 2.36% in 2020 to ~0.91% by 2024
* Asia leads vaccinations with 7B+ doses
* US remains highest in cases: 103M+

**✅ Slide 7 — Impact & Learnings**

**Skills Gained:**

* Advanced data cleaning & validation
* Writing optimized SQL for time-series & aggregates
* Building interactive Tableau dashboards
* Designing clear KPI tiles & trend lines

**Next Steps:**

* Forecast trends & compare with WHO goals
* Add drill-downs by region, income level

**✅ Slide 8 — Thank You / Contact**

**Wrap Up:**  
*Let’s connect!*  
📧 [Your Email]  
💼 [LinkedIn link]  
*Available for data projects, dashboards & insights.*

**🔑 Pro Tips for Final Touch**

✔️ Use clear, consistent fonts & colors  
✔️ Include a few clean chart snippets on the slides  
✔️ Save as PDF — ready to send with your resume

**If you’d like, I can help you write the actual text for each slide** — or make a sample **PowerPoint slide structure** you can copy.

**Want me to draft that too?** Just say **“Yes, make the slide text next!”**

**You said:**

yes write acutal text for each slides along with

**ChatGPT said:**

Excellent — let’s write **ready-to-paste slide text** for each slide, polished and clear.  
Below is your **full COVID-19 Global Analysis Case Study Deck**, slide by slide.

**✅ 📑 Slide 1 — Cover Slide**

**COVID-19 Global Analysis Dashboard**  
*An end-to-end data analytics & visualization project*

**Rupesh | Data Analyst**

**Tools Used:** Python · SQL · Tableau

**✅ 📑 Slide 2 — Project Overview**

**Objective:**  
To analyze the global impact of COVID-19 by exploring confirmed cases, deaths, mortality rates, and vaccination trends across countries and continents.

**Dataset:**  
Our World in Data — COVID-19 (owid-covid-data.csv)

**Key Outcomes:**  
✔️ Reliable trends with accurate daily and cumulative figures  
✔️ Country-level and global insights for stakeholders  
✔️ Clear, interactive Tableau dashboards for storytelling

**✅ 📑 Slide 3 — Data Cleaning & Preparation**

**Approach:**

* Checked and handled missing values: ensured no gaps in cases, deaths, vaccinations
* Standardized all date formats for time-series consistency
* Validated country names and removed duplicates
* Selected only essential columns for efficient analysis: location, date, new & total cases, deaths, vaccinations
* Stored the cleaned dataset in PostgreSQL for advanced querying

**Result:**  
A clean, consistent dataset ready for powerful time-series and trend analysis.

**✅ 📑 Slide 4 — Key SQL Analysis**

**Core SQL Work:**

* Queried global daily new cases and new deaths using new\_cases & new\_deaths to avoid cumulative duplication.
* Calculated mortality rates year-over-year: deaths / cases.
* Ranked Top 10 countries by total confirmed cases & deaths.
* Created continent-level vaccination rollup: sum of new\_vaccinations by date & continent.
* Validated all outputs to ensure realistic totals aligned with global stats.

**Key SQL Example:**

sql

CopyEdit

SELECT

date,

SUM(new\_cases) AS global\_new\_cases

FROM

covid\_stats

WHERE

continent IS NOT NULL

GROUP BY

date

ORDER BY

date;

**✅ 📑 Slide 5 — Tableau Dashboard Highlights**

**Visuals Created:**

* **Global Daily New Cases:** Line chart showing pandemic waves over time.
* **Mortality Rate Trend:** Yearly trend line showing the drop in fatality rates.
* **Global Trend Line:** Dual-axis chart for total cases & deaths progression.
* **World Map:** Color gradient map showing total cases by country.
* **Top 10 Countries:** Bar chart for quick comparison of high-impact countries.
* **Vaccination Progress:** Line & bar charts for continent-wise doses administered.
* **KPI Tiles:** Large numeric highlights for global total cases (775M+), deaths (7M+), and vaccinations (13.7B+).

**Interactivity:**  
Filters by date and country for custom exploration.

**✅ 📑 Slide 6 — Key Findings**

✔️ **Total Global Cases:** ~775 million  
✔️ **Total Global Deaths:** ~7 million  
✔️ **Total Global Vaccinations:** 13.7 billion+ doses  
✔️ Highest daily spike: 177 million+ cases on Dec 25, 2022 (likely data artifact — validated & corrected)  
✔️ Mortality rate decreased from 2.36% in 2020 to below 1% in 2023–2024.  
✔️ Asia leads vaccinations with 7B+ doses — India alone ~2.8B doses (2 per person average).

**✅ 📑 Slide 7 — Impact & Learning**

**Skills Developed:**

* End-to-end data cleaning and validation with Python (pandas)
* Optimized SQL for large COVID time-series datasets
* Interactive Tableau dashboards with KPIs, filters, and color-coded visuals
* Best practices in avoiding double-counting for accurate trend lines
* Clear presentation of global insights for decision-makers

**Next Steps:**

* Expand dashboards with forecasts or predictive models
* Add demographic breakdowns if data permits
* Compare with vaccination targets & WHO goals

**✅ 📑 Slide 8 — Thank You**

**Thank You!**

📧 *Email:* [YourEmail@example.com]  
💼 *LinkedIn:* [YourLinkedInLink]

*Open to data analyst roles and projects in dashboarding, SQL development, and advanced data storytelling.*

**📌 Ready to Deliver**

**How to use this:**  
✅ Copy this text into PowerPoint, Google Slides, or Canva.  
✅ Use your dashboard screenshots on slides 5 & 6.  
✅ Add consistent brand colors and clean fonts (e.g., Lato, Open Sans, Roboto).  
✅ Export as PDF for your portfolio or attach to applications.

If you’d like, I can **format this into a polished slide layout** too — just say **“Yes, make it in PowerPoint style!”** and I’ll break it slide-by-slide with design cues.

Want to do that? 🔥

**You said:**

and now make how to post it on github and what every is needed i will upload on githube and all the raw csv and cleaned one all sql codes and notebooks and screenshots and whatever else is needed make for github AND HOW TO UPLOAD WITHOUT INSTALLING GITHUB.

**ChatGPT said:**

Absolutely — here’s **exactly what you need** to prepare and upload your **COVID-19 Global Analysis Project** to **GitHub**, **without installing Git** on your PC.  
I’ll break it into:  
✅ **What to include**  
✅ **How to organize folders**  
✅ **How to create the repo**  
✅ **How to upload using only the web**  
✅ **How to write a professional README**

**✅ 1️⃣ What to include in your GitHub repo**

👉 Here’s what to put in your project folder:

**1️⃣ raw\_data/ folder:**

* The original owid-covid-data.csv file (or any other source CSVs).

**2️⃣ cleaned\_data/ folder:**

* The cleaned CSV file you prepared.

**3️⃣ sql/ folder:**

* All your .sql scripts:
  + Data cleaning queries
  + Trend queries
  + KPI queries
  + Vaccination progress queries, etc.

**4️⃣ notebooks/ folder:**

* Your Jupyter Notebook .ipynb with all Python code:
  + Data cleaning
  + Descriptive stats
  + Plots
  + Comments & explanations

**5️⃣ tableau/ folder (optional):**

* Export your final Tableau .twbx file.

**6️⃣ screenshots/ folder:**

* Clear PNG or JPG screenshots of your final Tableau dashboards.
* Add 2–5 good shots: whole dashboard + key charts.

**7️⃣ outputs/ folder (optional):**

* Any charts you saved as images from Plotly.

**8️⃣ README.md:**

* A clear, professional README that explains:
  + Project goal
  + Tools used
  + Folder structure
  + Key files
  + How to reproduce your results
  + Key insights

**✅ 2️⃣ How to organize your folder**

Your project folder should look like this:

pgsql

CopyEdit

covid19-global-analysis/

│

├── raw\_data/

│ └── owid-covid-data.csv

│

├── cleaned\_data/

│ └── covid19\_cleaned.csv

│

├── sql/

│ ├── create\_tables.sql

│ ├── daily\_cases.sql

│ ├── mortality\_trends.sql

│ ├── vaccinations.sql

│ └── kpis.sql

│

├── notebooks/

│ └── covid19\_analysis.ipynb

│

├── tableau/

│ └── covid19\_dashboard.twbx

│

├── screenshots/

│ ├── dashboard\_full.png

│ ├── kpis.png

│ ├── trends.png

│ └── top\_countries.png

│

└── README.md

**✅ 3️⃣ How to create the repo (without installing Git)**

1️⃣ Go to [**GitHub.com**](https://github.com/) and log in.  
2️⃣ Click the **+** in the top right → **New repository**.  
3️⃣ Name it something clear:  
👉 covid19-global-analysis  
4️⃣ Add a short description:  
👉 *“End-to-end COVID-19 global data analysis: SQL, Python, Tableau.”*  
5️⃣ Keep it **Public** (if you want it in your portfolio).  
6️⃣ ✅ Check **Add a README file** → you’ll edit this in the next step.  
7️⃣ Click **Create repository**.

**✅ 4️⃣ How to upload files WITHOUT installing Git**

You don’t need to use command line.  
Just drag & drop using the web!

**1️⃣ Open your repo.**  
Click **Add file** → **Upload files**.

**2️⃣ Drag your raw\_data/, cleaned\_data/, sql/, notebooks/, tableau/, and screenshots/ folders into the upload box.**  
GitHub will preserve the folder structure.

\*\*3️⃣ Scroll down → Write a commit message like Add project files → Click **Commit changes**.

**4️⃣ Repeat if needed for any large files.**

That’s it! Everything will be there on GitHub, nicely organized.

**✅ 5️⃣ Write a professional README.md**

Here’s a ready-to-paste template for your README:

markdown

CopyEdit

# COVID-19 Global Analysis 📊🌍

\*\*Project Goal:\*\*

Analyze global COVID-19 trends — confirmed cases, deaths, mortality rate trends, and vaccination progress — using SQL, Python, and Tableau.

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## 📁 \*\*Project Structure\*\*

covid19-global-analysis/  
│  
├── raw\_data/ # Original OWID COVID data  
├── cleaned\_data/ # Cleaned dataset  
├── sql/ # SQL queries for trends & KPIs  
├── notebooks/ # Jupyter Notebook with analysis & plots  
├── tableau/ # Tableau dashboard file (.twbx)  
├── screenshots/ # Screenshots of final dashboards  
└── README.md # This file

yaml

CopyEdit

---

## ✅ \*\*Key Tools Used\*\*

- \*\*Python:\*\* pandas, numpy, plotly

- \*\*SQL:\*\* PostgreSQL for storing & querying

- \*\*Tableau:\*\* Interactive dashboards with filters, maps, KPIs

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## 📌 \*\*Key Insights\*\*

- \*\*Total global cases:\*\* 775 million+

- \*\*Total global deaths:\*\* 7 million+

- \*\*Total global vaccinations:\*\* 13.7 billion+

- Mortality rate dropped from ~2.3% (2020) to ~0.9% (2023+)

- Asia leads global vaccination rollout

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## 📈 \*\*Visuals\*\*

Includes:

- Global daily new cases

- Global mortality rate trend

- Top 10 countries by cases & deaths

- Global vaccination progress

- Interactive world map of total cases

- KPI tiles for quick glance

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## 🚀 \*\*How to Reproduce\*\*

1. Clone or download this repo

2. Use the SQL scripts to recreate the tables

3. Run the Jupyter Notebook to see step-by-step cleaning & EDA

4. Open the Tableau file for interactive dashboards

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## 📬 \*\*Contact\*\*

\*\*Author:\*\* Rupesh

\*\*LinkedIn:\*\* [Your LinkedIn URL]

**✅ Next: Publish!**

1️⃣ Upload your folders & files via **Upload files**  
2️⃣ Paste this README.md and commit it.  
3️⃣ Add your project link to your LinkedIn & resume!

**✅ Done!**

If you’d like, I can even write your **LinkedIn post caption** next — just say **“Ready for LinkedIn post!”** and I’ll write it ✨