

# ARC PRABH

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## EDUCATION

B. Tech, Information Technology	Delhi Technological University	CGPA – 6.83
AISSCE(CLASS XII)	R.D.J.K.G.S.S.S.	Grade: 90.4%
AISCE(CLASS X)	Joseph & Mary Public School	Grade: 83%

## PROJECTS

### Real Time AQI Analysis for various Indian cities ([Dashboard](#)) | Python| Tableau

- **Automated** the daily collection, preprocessing, and updating of real-time AQI data from data.gov.in using Python scripts, **AutoHotkey**, and **Windows Task Scheduler**. Implemented the **ETL process** to ensure data accuracy and integrity.
- Designed and deployed an interactive Tableau dashboard on Tableau Public for real-time air quality insights, with key findings such as **Delhi's** highest average **PM2.5 level at 183  $\mu\text{g}/\text{m}^3$**  and comparable **PM10 levels in Delhi (161.7  $\mu\text{g}/\text{m}^3$ ) and Noida (160.5  $\mu\text{g}/\text{m}^3$ )** as of **June 22, 2024**.

### Netflix content Data analysis([Analysis](#)) | Python | SQL

- Enhanced data quality and consistency by employing advanced SQL techniques and Python scripting to analyze a Netflix dataset. Revealed key insights, including the **United States leading with 685 comedy movies**, **Rajiv Chilaka and Jan Suter having significant directorial impacts in 2021 and 2018 with 17 and 12 movies** respectively, and differences in movie durations, with classics averaging **118 minutes** and **others 45 minutes**.
- Presented comprehensive findings through SQL queries, Python scripts, and a PowerPoint presentation, highlighting trends such as **55 directors** working in both horror and comedy genres, with notable contributors like **Poj Arnon and Kevin Smith**.

### Airseva Analysis FY 2020-2024 ([Dashboard](#)) | Python | Tableau

- Developed a Tableau dashboard using **real time data** from **data.gov.in(Government Of India)** to analyze air traffic share, revealing **IndiGo's 53%** market dominance and highlighting key insights from **24,744 flights (FY 2020-2024)** using Python (NumPy, pandas, matplotlib).
- Created a visualization of **top 10 airports** by arriving traffic, identifying **Delhi** as the busiest airport with **3,638 incoming flights** and providing actionable insights for airport performance evaluation.

## SKILLS

**Languages :-** Python, SQL,R , HTML, CSS, C, C++

**Database management Systems :-** MySQL, PostgreSQL, MS- Excel

**Visualization Tools :-** Tableau, Alteryx

**Course Work:-** DBMS, Machine Learning, Data Structures

## POSITION OF RESPONSIBILITY

### President, the student post of the SITE DTU (50+ inmates)

- Spearheaded a **50+ member team at SITE DTU**, orchestrating a series of highly impactful events for **INVICTUS 2024 (DTU Tech Fest)**, which successfully attracted over **500 registrations** and significantly elevated the fest's profile.
- Established and launched "**Code-Clash**," a premier weekend coding competition exclusively for DTU students, creating a dynamic and competitive coding environment that consistently engaged over **200 participants per contest**, fostering skill development and community spirit.

## CERTIFICATIONS & ACHIEVEMENTS

- **The Business Intelligence Analyst Course** by Udemy. ([Certificate](#))
- **The Joy of Computing by Python Course** by NPTEL. ([Certificate](#))
- **Among Top 3** percent of test-takers in JEE main 2021 having 1 million test-takers.
- Undergoing **Minor Degree in Economics**