

SANDEEP SOLANKI
Data Analyst | Python Developer

 Noida, Uttar Pradesh

 +91 6265815970

 solankys98@gmail.com

 LinkedIn: linkedin.com/in/sandeep-solanki-0baab0221

 GitHub: github.com/Solankys123

SKILLS SUMMARY

- **Languages:** Python, SQL
- **Frameworks/Libraries:** Pandas, NumPy, OpenCV, Matplotlib, Seaborn
- **Tools:** MS Excel, Power BI, Tableau, GitHub
- **Databases:** MySQL, MS SQL Server
- **Concepts:** DAX, Data Cleaning, Dashboard Development
- **Soft Skills:** Problem-Solving, Communication, Stakeholder Collaboration

WORK EXPERIENCE

Data Analyst Intern – Computronics Systems | May 2023 – July 2023

- Designed interactive Excel dashboards to visualize sales trends, enabling faster decision-making.
- Wrote optimized SQL queries for cleaning and analyzing datasets, reducing processing time by **20%**.
- Collaborated with stakeholders to present actionable insights, improving strategy formulation.

PROJECTS

Handwritten Text Recognition System (*Python, CRNN, OpenCV*)

- Built a CRNN (CNN + RNN + CTC Loss) model to convert handwritten text images into editable text.
- Applied preprocessing techniques (resizing, normalization, noise removal) to improve recognition accuracy.
- Deployed as a Python application for end-user usage.

YOLO Object Detection (*Python, YOLOv5, Ultralytics*)

- Developed a real-time object detection system capable of recognizing multiple objects in live video feeds.
- Integrated Ultralytics YOLOv5 for high accuracy and speed.

Image to Pencil Sketch (Python, OpenCV)

- Created a Python tool to convert any image into a pencil sketch using edge detection and grayscale processing.

Crime Analysis Dashboard (Power BI, DAX)

- Designed an interactive dashboard to analyze Indian crime data by year, state, and type.
- Utilized slicers and DAX for dynamic filtering, helping identify high-crime regions.

Covid-19 Data Analysis (Python, SQL, Power BI)

- Analyzed global COVID-19 trends using Pandas and SQL, visualized case and recovery rates in Power BI.
- Cleaned and processed large datasets for accurate trend insights.

Sales Analysis Dashboard (Power BI, Excel)

- Built dashboards to track KPIs like total sales and profit margins.
- Incorporated Pivot Tables, DAX, and conditional formatting to identify top-performing products **30% faster**.

SQL Sales Analysis (SQL, Excel)

- Analyzed **100k+ rows** of sales data using joins, subqueries, and aggregation functions.
- Generated detailed reports for business decision-making.

EDUCATION

B.Tech in AI & Robotics – Madhav Institute of Technology & Science, Gwalior
Dec 2020 – 2024 | CGPA: 7.0

12th (Mathematics) – Sant Poul Convent School, Banmore
May 2019 | Percentage: 72%

10th – Sant Poul Convent School, Banmore
May 2017 | Percentage: 67%

CERTIFICATIONS

- Data Analyst – Ducat IT Training School (Noida)
- Excel – Jobaaj Learning