Shambhavi Singh

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OBJECTIVE

Data Analyst with a knack for turning complex data into clear insights. Skilled in advanced analytics, workflow automation and Business Intelligence to drive informed decisions and business growth

EDUCATION

- **Postgraduate Diploma in Management**
  G L Bajaj Institute of Technology And Management — *2023-2025*
- **Bachelor of Science**
  MMM Bhatparani, Deoria — *2019-2022*
- **Higher Secondary Education**
  J.P Education Academy — *2017-2019*
- **Secondary School Education**
  Udaya Public School — *2017*

INTERNSHIP

Ernst & Young LLP — *Onsite*
Analyst Intern — *June 2024 - August 2024*

- **QR Code Extraction and Analysis**
  Tools Used: Python3, Tkinter.
  - Engineered Python scripts to extract over 10,000 QR codes from PDFs, capturing data, images, and IDs.
  - Automated creation of CSV reports with QR data and page numbers, organizing 5,000+ QR images into folders.
  - Verified embedded QR codes in state-wide educational PDFs, enhancing Diksha app access for 500,000+ students.
- **Data Cleaning for LLM Training**
  Tools Used: Python3,Numpy,Pandas,skimage.
  - Developed Python scripts to remove watermarks, year patterns, and QR codes from 500+ NCERT book PDFs, enhancing document clarity.
  - Cleaned and preprocessed datasets for training LLM models, improving model accuracy by 25%.
- **Content Mapping and Analysis**
  Tools Used: Excel(Vlookup,if,Else,Match,Isnumber).
  - Conducted content mapping in Excel, aligning with the Do_id of the Diksha repository.
  - Analyzed content availability, identifying gaps in the e-jp app.
  - Discovered significant missing content in Kannada and Marathi, recommending republishing.
- **Process Automation and Reporting**
  Tools Used: Excel,(VBA),Power BI (Data Modelling,Designing,Drill through).
  - Developed VBA code in Excel to automate script information updates, saving 3 hours daily.
  - Connected Excel sheets to Power BI, creating a dashboard with drill-through functionality.
  - Performed data arrangement, cleaning, and primary key creation for efficient data modeling in Power BI.

SKILLS

- **Languages**: Python, SQL, DAX, VBA.
- **Frameworks**: Pandas, Numpy, Matplotlib, Scikit, Seaborn, Tkinter.
- **Tools**: Advanced Excel, Power BI(ETL, Designing, DAX), MySQL.
- **Soft Skills**: Leadership, Time Management, Writing, Public Speaking,Adaptable to adverse conditions.

CERTIFICATIONS

- **Google Data Analytics Professional Certificate**: **Coursera**
- **Advance Excel by Kyle Pew**: **Udemy**
- **The Complete SQL Bootcamp: Go from Zero to Hero by Jose Portilla**: **Udemy**

HONORS AND AWARDS

- Participated in Nautilus: The Red Brick Summit 2023 organised by IIM Ahmedabad.
- Participated in Case Competition organised by IIT Guwahati.
- First rank holder in Relay Race competition in High School.
- Secured 1st position in Intercollege Debate Competition organised By GLBIMR.