Kritika Banerjee
Senior Systems Engineer

To obtain a position in a company where I can use my technical skills as well as people skills to contribute towards individual and organizational growth and be in learning and improvement process throughout in the field of Data Driven Technology

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medium.com/@kritiikaaa ◖●

EDUCATION

B.Tech
Bhagat Phool Singh Women University/Sonepat
07/2015 - 07/2019   *7.2*

XII Senior Secondary
Tagore Academy Public School
04/2014 - 04/2015   *7.5*

WORK EXPERIENCE

Senior Systems Engineer
Infosys Limited
11/2019 - Present   *Pune,India*
Achievements/Tasks-

- Handling complete vehicle logistics from production to end dealer majoring in Application development and support role in Mainframe Technology.
- Domain experience mainly in SQL, DB2,JCL, COBOL, NATsystems.
- Mainly worked on code analysis , bug fixes, production issues and client handling.
- Provides monthly report of root cause analysis to clients using Power BI.
- Strong knowledge of SLDC(Waterfall and Agile)
- Strong domain knowledge of supply and chain management lifecycle.
- Have been trying to introduce strategic changes in my current workplace by applying data science concepts , proposed a few ideas as well.
- Technology used-COBOL,JCL,SQL,NATSTAR,EXCEL.
- Tools used-Service Now,ISPW,File-Aid,Squirrel Aid,Power BI.

SKILLS

`Excel` `Python` `Numpy` `Pandas` `Statistics`
`Exploratory Data Analysis` `Machine learning` `SQL`
`Power BI` `Data Visualization` `Matplotlib` `Flask`
`VS code`

PERSONAL PROJECTS

Student Spend Analysis (08/2021 - 08/2021)
- This dashboard showcases purchase capabilities of students on books, video games, Toys Gadgets, sports kits etc.
- Showcase various trends of total amount of purchase with various factors like age, store location, store area, top customer, top product etc.
- Project Details -https://github.com/kritika755/Power-BI/tree/main/Dashboard-2(Student%20Spent%20Analysis)

Acquisition (09/2021 - 10/2021)
- Full AUDIT analysis of a company is provided in this Power-BI report involving key features like total sales, total profit, performance comparison per year, top7 products and customers, region wise sales analysis etc.
- Full project report:- https://github.com/kritika755/Power-BI/tree/main/Dashboard-3%20Acquition .

Diabetes Classification (01/2022 - 01/2022)
- Performed EDA on diabetes dataset using Python ,numpy and pandas to predict chances of diabetes of a person based on various factors like Glucose, BP, Skin Thickness ,Insulin, BMI , Age etc.
- Performed data preprocessing, EDA, Feature Selection, visualization using seaborn, Matplotlib, Plotly , Model performance Analysis.
- https://github.com/kritika755/Exploratory-Data-Analysis/blob/main/Diabetes/Diabtes%20F.ipynb .

Faulty Chip detection (11/2021 - Present)
- This web app helps to predict if a given sensor chip is defaulter or not.
- Worked with industry experts.
- Concepts used- Data Ingestion, Data transformation, preprocessing Random forest, XGBoost , KNN imputer, Github, Docker, Circleci, Heroku. Python, Flask.
- Detailed Project Report- https://github.com/kritika755/wafer_circleci/blob/main/Wafer%20Fault%20Detection.pptx .

ACHIEVEMENTS

Infosys Limited
Awarded with INSTA Awards twice for my performance