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ANNAS KHALID

Data Analyst / BI Developer

Portfolio: [annasfolio.vercel](https://annasfolio.vercel.com)
[Github/annaskhalid0](https://github.com/annaskhalid0)
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Computer Science graduate specializing in data analytics, business intelligence, and machine learning. Skilled in Python, SQL, Power BI, Excel, and DAX for data cleaning, EDA, visualization, and predictive modeling. Experienced in building interactive dashboards and delivering actionable insights that support data-driven decision-making. Strong analytical thinker with attention to detail, problem-solving abilities, and the capability to communicate complex findings clearly to diverse audiences.

S

Languages	Python & MYSQL
Tools	vscode, jupyter, power bi & excel
DS & Analytics	DAX, data visualization, advance excel, EDA, pre-processing, numpy, pandas and matplotlib.
AI Technologies	OPEN AI and ML.

T E

INTERN / Agricultural Analysis

03 2024 — 04 2024

MENTORNESS

Remote

- Conducted a comprehensive data-driven study on Indian agriculture, analyzing 10,000+ multi-state and multi-year records to uncover seasonal and regional crop performance trends.
- Identified profitability variations exceeding 25% through advanced data cleaning, exploratory data analysis (EDA), and statistical modeling.
- Utilized Python (Pandas, NumPy, Matplotlib) and Excel to process, structure, and visualize datasets for actionable insights.
- Prepared structured analytical reports and visual dashboards to support strategic agricultural planning and decision-making.
- Strengthened skills in pattern recognition, data storytelling, and delivering insights to both technical and non-technical stakeholders.

INTERN / Consumer Analytics

07 2024 — 08 2024

BEATSBYDRE (EXTERN)

Remote

- Collected and processed 5,000+ real-time Amazon product listings using advanced web scraping techniques for consumer analytics.
- Performed thorough data cleaning and exploratory data analysis (EDA) to identify key purchasing behavior patterns.
- Applied machine learning algorithms to uncover product features influencing purchase decisions by over 30%.
- Utilized Python (Pandas, NumPy, Matplotlib) for data processing, modeling, and visualization.
- Delivered findings through structured reports and visual dashboards, enabling data-driven marketing and product strategy improvements.

T P

- Developed an end-to-end **Airline Flight Delay Analysis** pipeline using Python, SQL, and Power BI, delivering interactive dashboards with KPIs and route performance insights.
- Executed **Bank Customer Churn Analysis** on 10K+ records, applying EDA, SQL queries, and Power BI visualizations to identify high-risk customer segments and churn drivers.
- Built an **HR Analytics Dashboard** integrating DAX measures and Python-based preprocessing to provide workforce trends, performance metrics, and predictive insights.
- Portfolio Website Development** – Designed and developed a responsive personal portfolio using React.js, Tailwind CSS, and Vercel, showcasing data analytics projects with GitHub integration for automatic updates.

E

Bachelor of Computer Science, Karachi, Pakistan
Sindh Madressatul Islam University

2021 — 2025

C fi

Data Analysis with MS Advance Excel
DAX Query, Power Query & Data Visualization

By Coursera
By DataCamp

V E

Represented Science Society SMIU as a tech lead, and promoted learning and innovation by organizing sessions and workshops.