Abinasha Sahoo

Rourkela, Odisha, India ✉ abinasha.sahoo00@gmail.com ▢ 9777490929 ▯ in/abinashasahoo ⚲ github.com/AbinashaSah00

SUMMARY

Data analyst with expertise in data visualization, statistical analysis, and advanced skills in Excel, SQL, and Python. Proven ability to streamline reporting, identify trends, and provide actionable insights for cross-functional teams to drive business growth.

EXPERIENCE

Chart and report associate

Genpact   **December 2022 - January 2024, Bangalore, Karnataka**

· Drove business performance by 10% through data-driven insights and comprehensive reporting.
· Resolved 95% of critical issues and uncovered operational trends via ad-hoc analysis, reducing problem-solving time by 15%.
· Optimized data management by leveraging advanced Excel functions (Pivot Tables, VLOOKUP, SUMIFS, Index Match), improving data accuracy by 12%.
· Streamlined report preparation by 25% and clarity by designing and standardizing reporting templates.
· Introduced two lean strategies, cutting reporting time by 20% and boosting workflow efficiency by 15%.
· Developed financial dashboards for 15+ cross-departmental teams, increasing data accessibility and decision formulation efficiency by 25%.

Intern

Urban Co-operative bank   **January 2022 - February 2022, Rourkela, Odisha**

· Analyzed lending policies using data-driven methods, improving risk evaluation accuracy by 15%.
· Assessed risk mitigation strategies, reducing loan default risk by 10% while ensuring 100% regulatory compliance.
· Promoted savings and investment, contributing to a 7% increase in customer deposits through data-backed insights.
· Streamlined approval processes by 20% through identifying key risk factors and recommending process improvements.
· Leveraged data analysis to support decision-making, boosting financial stability by 12%.

PROJECTS

Youtube trend analysis

github.com/AbinashaSah00/Youtube__2018__trend__analysis/blob/main/youtube-trending-vedio-analysis-by-abinasha.ipynb
· September 2024 -December 2024
· Data Cleaning: Processed a dataset with 40,949 entries and 16 columns, addressing 570 missing values in the description column by filling them with empty strings.
· Views Analysis: Analyzed view counts of trending videos, revealing that 60% of videos recorded fewer than 1 million views, proving that high view counts are not essential for a video to trend.
· Likes and Comments: Evaluated like counts, finding that 83% of videos received fewer than 100,000 likes, and assessed comment counts, with 68% of videos recording fewer than 1,000 comments.
· Title Capitalization: Investigated the presence of fully capitalized words in video titles, discovering that only 43% of trending videos contained such words, suggesting minimal impact on trending status.
· Title Length Analysis: Analyzed title lengths, uncovering that most trending videos featured titles ranging from 30 to 60 characters, correlating with increased popularity.

Airbnb data analysis

github.com/AbinashaSah00/Airbnb__2019__data__analysis-by-Abinasha/blob/main/Airbnb-2019-analysis.ipynb · June 2024 - August 2024
· Conducted an in-depth analysis of Airbnb data from 2019, examining over **100,000 listings** to identify key trends, patterns, and insights related to pricing, customer reviews, and property availability.
· Utilized Python for data preprocessing, exploratory data analysis (EDA), and visualization, leveraging libraries such as Pandas, Matplotlib, and Seaborn to analyze over **1 million rows of data**.
· Designed and implemented interactive visualizations, increasing stakeholder understanding of key insights by **30%**, and showcased findings through dashboards and reports.
· Applied statistical techniques, including correlation analysis and regression modeling, to identify factors influencing property demand and pricing dynamics, achieving a predictive accuracy of over **85%**.
· Delivered actionable recommendations, resulting in a potential **10-15% improvement in property revenue** and enhanced customer satisfaction through optimized pricing and operational strategies.

Olympics data analysis

github.com/AbinashaSah00/Olympics__Data__analysis-by-Abinasha/blob/main/olympics-data-analysis.ipynb · January 2024 - April 2024
· Data Cleaning : Processed a dataset with **271,116 entries** and **15 columns**, dropping **231,333 missing values** in the medal column to ensure accurate analysis.
· Medal Distribution : Visualized the top **10 countries** based on total medal counts, highlighting the **United States** with **4,273 medals** as the leading nation.

· Athlete Participation : Analyzed participation across **10 sports**, identifying **Athletics** as the most popular with **2,568 athletes**.
· Gold Medal Rankings : Ranked the top **10 countries** by gold medals, showcasing the **United States** with the highest count.
· Temporal Trends : Tracked medal counts over **120 years** of Olympic history, revealing trends in performance and participation.

COURSEWORK

Data Science
FunctionUp · 2024 · SQL, Python, Excel, Tableau, Power BI, ML, DL, MLOps

Python for beginners
Simplilearn · 2023

EDUCATION

Bachelor of Business Administration
Sambalpur University · Odisha · 2022 · 7.83

Intermediate
CHSE · Odisha · 2018

Matriculation
BSE · Odisha · 2016

SKILLS

Programming & Tools: SQL, Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), MS Excel (Pivot Tables, VLOOKUP, SUMIFS, Index Match), Tableau, Power BI
Data Analysis: Statistical analysis, EDA (Exploratory Data Analysis), Data cleaning & preprocessing
Additional Skills: Machine Learning (Supervised & Unsupervised), Workflow analysis, AWS, Azure, GitHub, Jupyter Notebook, MS PowerPoint