Himanshu Aggarwal

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✉ himanshu.aggarwal847@gmail.com
📱 +91-9891141476
📍 Ghaziabad, India

EXPERIENCE

Data Analyst
ConveGenius Digital India Services Pvt. Ltd
08/2024 – Present

- Worked at Vidya Samiksha Kendra with Rajasthan Government, analyzing education data for 81Lakh+ students, 5Lakh+ teachers, and 65,000+ schools across 33 districts
- Designed and delivered Power BI dashboards presenting hierarchical data (state, district, block, village, panchayat, school) to facilitate decision-making at all levels
- Developed live dashboards for attendance and mid-day meal programs, ensuring real-time insights through scheduled data refreshes using Fabric
- Created various geographic visualizations using Azure Maps, custom maps, and Shape maps with QGIS, shapefiles, .json files for accurately mapping district and block boundaries for enhanced clarity
- Leveraged custom visuals, including Icon Map v3 and Scroller, to create interactive and engaging dashboards
- Collaborated with stakeholders to gather feedback and implement dashboard updates, aligning with evolving requirements and priorities
- Delivered critical dashboards under tight deadlines (3–5 days), showcasing strong time management and problem-solving skills

Associate Data Analyst
SunTec India
08/2023 – 04/2024

- Developed skills in data modeling and dashboard design for business insights
- Enhanced skills in data visualization, analytics, and supporting strategic decision-making processes
- Worked on different visualization elements (like Line chart, Bar Chart, Pie Chart, etc.) to explain level of details

Content Analyst
SparxIT Solutions
02/2022 – 08/2023

- Created high-quality content (such as blogs, web pages, press releases, reviews of different platforms like Clutch, Quora, etc.)
- Optimized content for search engines using SEO principles and techniques
- Collaborated with marketing managers and team leads to gather information and ensure content aligns with the overall branding strategy

JavaTPoint
Technical Content Writer
09/2019 – 02/2022

- Creates informative tutorials on various technologies
- Presents complex technical concepts clearly and accurately to the target audience
- Maintains consistency by following style guides, brand guidelines, and industry standards

EDUCATION

MCA – 90.0%

ABES ENGINEERING COLLEGE, GHAZIABAD

06/2017 – 06/2019

- Recognized as a Gold Medalist for securing the 1st position in the MCA batch [2017-19]
- Received the Director's Merit certificate for attaining the 1st position in the MCA second year

BCA – 77.11%

MMH COLLEGE, GHAZIABAD

03/2014 – 03/2017

- Secured 1st position in both BCA first and second year
- Attained the 2nd position in the BCA final year

12th – 59.0%

SBN PUBLIC SCHOOL, NANDGRAM, GHAZIABAD

03/2012 – 03/2014

10th – 6.2 CGPA

SBN PUBLIC SCHOOL, NANDGRAM, GHAZIABAD

03/2010 – 03/2012

SKILLS

- Power BI
- Power Query
- Data visualization
- Data cleaning
- MS-Excel

- MySQL and MS SQL Server
- ETL operations
- Data modelling
- Data Analysis Expressions (DAX)
- MS-Office

PROJECTS

Rajasthan Attendance Dashboard

Tools and Technologies used – Power BI, QGis, MS-Excel

- Developed an interactive Power BI dashboard to track daily attendance of **81 lakh+ students** and **5 lakh+ teachers** across **33 districts** in Rajasthan
- Integrated KPIs and metrics to monitor attendance trends and patterns across the state
- Created **custom geospatial maps** using QGIS and JSON files to represent district and block boundaries
- Visualized hierarchical data from **state to block, village, and school levels**, providing granular insights for policymakers
- Automated data refresh schedules for **real-time updates**, ensuring data accuracy and consistency

Rajasthan Mid-day Meal (PM Poshan) Analysis

Tools and Technologies used – Power BI

- Developed and deployed a live Power BI dashboard for the Rajasthan PM Poshan program, integrating multi-level data for 65,000+ schools to evaluate reporting, consumption, and beneficiary metrics, with auto-refresh functionality three times a day.

- Identified trends and disparities in school reporting and food grain consumption across 33 districts, delivering actionable insights to policymakers for data-driven strategies.
- Enhanced user experience with interactive slicers, enabling stakeholders to dynamically filter and analyze data at school, block, and district levels.

Adventure Works Bike Shop: Sales and Customer Insights

Tools and Technologies used – Power BI, MS-Excel

- Created an interactive dashboard having four pages, each designed to highlight different aspects of sales and customer data
- Incorporated a map visual to display geographical distribution of customers and sales, helping identify regional sales trends and opportunities
- Established relationships between tables to ensure data integrity across the report
- Utilized bookmarks to create seamless navigation experience between different report pages
- Implemented advanced interactions between visuals, enabling users to filter and drill down into data
- Added various slicers and filters to the reports, providing users the ability to slice data by time periods, product categories, customer segments, and more

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TECHNICAL PROFICIENCY

- Imported data from multiple data sources into Power BI, created relationships between data, calculated columns and measures using DAX
- Employed Power Query Editor for data transformation, cleansing, and preparation from various data sources
- Built and managed comprehensive data models with multiple relationships, ensuring data accuracy
- Experienced in creating different custom visualizations like Dough nut chart, bar chart, line chart, matrix table, etc.
- Configured row-level security (RLS) to restrict data access based on user roles, ensuring secure data sharing
- Employed advanced Power BI features such as drill-through and bookmarks to enhance report functionality
- Implemented slicers and filters to allow users to explore and analyze data across different dimensions
- Knack of using SQL queries relevant to Power BI
- Skilled in using joins, subqueries, complex table expressions (CTEs), and indexing for efficient data retrieval
- Make use of advanced SQL techniques for data aggregation, summarization, and reporting

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ACCOMPLISHMENTS

- Contributed to high-impact projects, with dashboards presented by the company's co-founder to the Chief Minister and Education Minister of Rajasthan
- Star Performer at SparxIT Solutions in May2023
- Best Performer at javaTpoint in September 2021

CERTIFICATIONS

- Microsoft Power BI desktop for business intelligence - Udemy
- MySql - Basic (Hackerrank)
- MySql - Intermediate (Hackerrank)
- MySql - Advanced (Hackerrank)
- Power BI dashboard for beginners - LinkedIn