

AKSHAY BAFNA

LinkedIn profile: <https://www.linkedin.com/in/akshay-bafna/>

+1 (217) 8192295 | abafna66@gmail.com

GitHub profile: <https://github.com/akshaybeat>

abafna3@illinois.edu

EDUCATION

University of Illinois Urbana-Champaign

May 2020

Master of Science in Information Management

GPA 3.86/4.0

[Coursework: Business Analytics, Intro to Data Science, Data Warehousing & Business Intelligence, Data Mining, Data Cleaning, Data Statistics Info,]

Maulana Azad National Institute of Technology

May 2014

Bachelor of Technology in Civil Engineering

GPA 8.20/10.0

[Coursework: Eng. Economics & Business Organization, Project Costing & Contract Mgmt., Construction Project Planning Mgmt.]

SKILLS

Tableau, Power BI, Data Studio, Qlik View, Excel, Python, R, AWS, GCP, BigQuery, MySQL, Postgre SQL, SAP ERP, VBA, Talend Open Studio (ETL process & Data Integration), Alteryx, Google Analytics, UML, Jira, Agile Methodology, Visio, Weka, Open refine, statistical analysis, Research, reporting.

PROFESSIONAL EXPERIENCE

Research Analyst, Center for Health Informatics, Champaign, IL, US

July 2020 to Till Date

- Generate the visual dashboard by creating & analyzing the KPIs for COVID-19 data using **Python, Tableau 2020.1**
- Automate the dashboard with live data by using AWS cloud services & generating data pipeline using EC2, S3.
- Utilized Tableau server to publish and share the reports with the team & stakeholders.
- Generated advanced tableau dashboards with quick/context filters, parameters, calculated fields.
- Monitor the project, evaluating progress & quality, managing issue resolution & taking corrective action as necessary.
- Executing an agile methodology to plan & execute different phases of the project.

Business Intelligence Analyst, Graybar Electric Company, Inc. Champaign, IL, US

May 2019 to Dec 2019

- Conducted market research, analyzed & designed the proposed solutions to integrate “Building Information Modeling” (BIM) ecosystem in Graybar.
- Supported in Ad-hoc reporting by storing & analyzing “Product & Customer data” using **GCP, python & Data Studio**.
- Created a de-normalized BigQuery Schema for analytical & reporting requirements.
- Developed dashboards to visualize the KPIs for the improvement of the logistics system using **Qlik view**.
- Conducted Project Management activities including Escalation, client meetings, and maintenance of SOP.
- Studied existing business, processes & areas of improvement to implement “Same Day Delivery of Products”.

Technology Consultant, BIG-Business Intelligence Group, Champaign, IL, US

August 2019 to Dec 2019

- Conducted primary & secondary research for the innovation and innovation management in the insurance sector.
- Created multiple ways for the sales proposition and developed a prototype to meet the needs of the client.
- Developed Issue Tree & Scoping Document based on identifying & understanding client expectations.

Graduate Research Assistant at UIUC, Champaign, IL

Jan 2019 to April 2019

- Analyzed the medical dataset to identify trends insights & discrepancies in data using python libraries: Numpy, Pandas.
- Analyzed, visualized & forecast the week of the outbreak by developing the dashboard in **Tableau** for the disease.
- Implemented analytics using trend line, cluster, forecast, box plot in Tableau dashboard to get better insight in data.
- Built dashboards using techniques for guided analytics, interactive dashboard design, and visual best practices.

Business Analyst, Abhyudaya Multimedia, Indore, India

Aug 2016 to Mar 2018

- Worked closely with multiple teams to examine, evaluate, gather, develop & maintain requirements & technical specifications for internal & external use.
- Created ad hoc queries & BI reports as requested & provide on-going support for the requests.
- Developed the dashboards in **Tableau** which display KPIs for business analysis and decision making.
- Working knowledge of Data Warehousing tools & methodology, reporting tools & ETL tools.

ACADEMIC PROJECTS

- **Analyze factors which help to raise funds for NGO:** Diagnosed impact of event attendees to the fund’s collection & Built **Tableau** dashboard to track KPIs. **Key findings:** Funds can be raised **10%-15%** by other contributing factors.
- **Analysis of Housing prices:** Discovered the variation of pricing of housing in different locations using multiple factors& visualize the variation by making statistical model in **R**. **Key findings:** Small area houses are purchased at higher prices in the densely populated area.
- **Monitor worldwide sales for cloth manufacturing company:** Visualized population data on google earth using- web scraping, modeling and **KML** scripting.