

Chandra Akash Kiran

Data Analyst

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PROFESSIONAL SUMMARY

Data Analyst with 3+ years of experience in data analysis, statistical analysis, and exploratory data analysis (EDA). Proficient in Python (Pandas, NumPy), SQL, and data visualization tools including Tableau and Excel. Experienced in ETL processes, web scraping, data cleaning, and data validation. Skilled in building automated reports and interactive dashboards to track business KPIs. Strong communicator translating complex data into actionable insights.

WORK EXPERIENCE

Data Analyst Intern

GrowthPaay, Indore, Madhya Pradesh

January 2023 – July 2023

- Built and maintained Python-based web scrapers using BeautifulSoup, Selenium, and REST APIs to collect structured and unstructured data.
- Cleaned, transformed, and pre-processed 100K+ records using Pandas and NumPy, ensuring high data consistency.
- Implemented data quality validation checks, achieving 99% data accuracy and reliability across pipelines.
- Wrote complex SQL queries on cloud-hosted databases, reducing report generation time by 40%.
- Managed datasets on AWS S3 and collaborated with cross-functional stakeholders to deliver actionable data insights.

System Engineer

Natrinal Technology Pvt Ltd, Chennai, Tamil Nadu

May 2019 – June 2020

- Developed and maintained Python-based test automation frameworks using Selenium and Robot Framework, improving test coverage and execution efficiency.
- Reduced manual testing effort by 50% by implementing reusable automation scripts and standardized testing modules.
- Collaborated in Agile/Scrum environments, participating in sprint planning, stand-ups, and retrospectives to ensure timely delivery.
- Created and maintained test plans, test cases, and technical documentation aligned with business and system requirements.
- Used Azure DevOps for version control, collaboration, requirement tracking, and test repository management while working closely with stakeholders to translate business needs into technical solutions.
- Analyzed test execution results and defect trends to identify patterns and improve system reliability.

Lecturer

Government Engineering College, Raipur, Chhattisgarh

October 2016 – February 2017

- Applied analytical thinking, problem-solving, and logical reasoning while teaching Data Structures, Algorithms, and Programming, directly aligning with data analysis workflows. Used data-driven evaluation and assessment techniques to analyze student performance, improve outcomes, and support informed decision-making.

Data Operator

Planning and Statistical Department, Dhamtari, Chhattisgarh

October 2014 – March 2016

- Maintained, cleaned, and validated large-scale government datasets to ensure high data accuracy, integrity, and compliance with official standards.
- Generated structured reports and analytical outputs to support statistical analysis and departmental decision-making. Applied data quality checks and verification processes to enable reliable, analysis-ready data.

EDUCATION

Master Of Technology (MTech) in Computer Science

MATS University, Raipur, Chhattisgarh

August 2013 – March 2016

Bachelor In Engineering (BE) in Computer Science

CSVTU, Bhilai, Chhattisgarh

September 2010 – June 2013

TECHNICAL SKILLS

Programming Languages: Python, SQL

Data Analysis: Pandas, NumPy, Statistical Analysis, Exploratory Data Analysis (EDA), Data Cleaning, Data Transformation, Data Validation

Data Visualization: Tableau, Excel, Matplotlib, Seaborn

Web Scraping: Beautiful Soup, Selenium, REST APIs

Analytics & Modeling: Statistical Analysis, Basic Machine Learning (Scikit-learn)

Database Management: SQL, Cloud Databases, AWS S3

Development Tools: Github, Jupyter Notebook, Postman, Robot Framework, Azure

Methodologies: Agile Methodology, Scrum

Reporting, KPI Analysis, Performance, Ad-hoc Analysis, Data Profiling

CERTIFICATIONS

- Data Scientist/Analyst Training and Certification Masai School
- IBM Data Science Professional Certificate
- Python for Data Science and Machine Learning Udemy

PROJECT

Exploratory Data Analysis on IRIS Dataset

- Performed Exploratory Data Analysis (EDA) on the IRIS dataset using Python (Pandas, NumPy) to analyze feature distributions, correlations, and patterns.
- Built and evaluated classification models using Scikit-learn (Logistic Regression, Decision Tree, Random Forest), improving accuracy by 12%. Created clear visualizations with Matplotlib and Seaborn to communicate insights effectively.