

MUHAMMAD ASIF KASI

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Personal Details

01st October, 1996 • Male • Pakistani • Single

DATA SCIENTIST

Analytical professional with experience providing valuable insights via data analytics and advanced data-driven methods.

Proven success delivering data-driven, action-oriented solutions to challenging business problems. Track record of building statistical models to improve experience and optimize processes. Adept at leading multiple projects, producing computational solutions, and delivering end-to-end products for business and clients. Skilled in creating new data collection systems that optimize data management, delivery, and quality. Excellent understanding of business operations and analytics tools for effective data analysis. Able to research, build, and design self-running artificial intelligence (AI) systems to automate predictive models. Talent for quickly learning new information, procedures, and technologies.

AREAS OF EXPERTISE

Data Engineering & Scraping • Machine Learning Engineering • API Development • Artificial Intelligence • Engineering Processes • Quality Assurance & Control • Analytical Data Processing • Project Management • Records Management

TECHNICAL PROFICIENCIES

Languages	Python, SQL, C#, HTML, CSS, JavaScript, Git.
Framework:	Selenium, MVC5, Bootstrap
Protocols:	Rest API
Official Communication	Slack, Teams, Zulip, Zoom, Meets and Jira

CAREER HIGHLIGHTS

- ▶ Team Lead to Multiple DEOs for training, as well as Project & Time Management.
- ▶ Automated sending 100's of medical reports to patient's **WhatsApp** using Selenium.
- ▶ Automated bot to follow/connect 100's of Top HR Recruiters on **LinkedIn** using Selenium.
- ▶ **Scraping** and **Crawling** data from Multiple Statics and Dynamic Websites using Selenium also bypassing the **Captcha/ ReCAPTCHA**.
- ▶ Data Extraction, Transforming, Validation and Filtering etc. using SQL and Other Databases.
- ▶ Used an integrated approach to develop APIs, fetch ASTM data from **lab analyzers** (Cobas c311, Cobas e411, and Sysmex), and push data in the database.
- ▶ Set a benchmark of excellence by developing Python Script and systematizing **Lab Robot (Opentron OT-2)** to complete multiple biochemical tasks.
- ▶ Successfully cleaned and extracted all prerequisite features (biomarkers) from ASTM data by using python.
- ▶ Examined and differentiated entry1 vs. entry2 Excel files data by using python to avoid mismatch.
- ▶ Designed questionnaires to withdraw data from DEOs and re-enter the field while making and merging correct entry into the master.
- ▶ Collaborated with teams' members (Internationally) while working on various projects. (PGR, PROMIS, DIABETES, HEART DISEASE, STROKE. ETC)

- ▶ Used best practices to create reusable and readable code.

EDUCATION & PROFESSIONAL QUALIFICATION

BACHELOR OF SCIENCE (COMPUTER SCIENCE), PAF-KIET, Karachi, Pakistan, 2021 (CGPA: 3.19)

COURSES

PYTHON (BASIC)

HackerRank Certificate

MACHINE LEARNING | DATA WAREHOUSE | DATA SCIENCE (ELECTIVE COURSES)

Karachi Institute of Economics and Technology (PAF-KIET), Karachi, Pakistan

AUTOMATION WITH SELENIUM WEB DRIVER & TESTNG

10Pearl University – Karachi, Pakistan

COMPUTER VISION WITH AI | CERTIFIED PYTHON PROGRAMMING | WEB & MOBILE HYBRID APP DEVELOPMENT COURSE

Saylani Mass Training – Saylani Welfare Trust, Karachi, Pakistan

POWER BI WITH AN OVERVIEW OF DATA SCIENCE

NED Academy, NED University of Engineering & Technology, Karachi

PROFESSIONAL EXPERIENCE

LFD (LOVE FOR DATA), KARACHI, PAKISTAN

Nov 2022 – Present

Associate Data Engineer

CNCD (CENTER FOR NON-COMMUNICABLE DISEASES), KARACHI, PAKISTAN

Mar 2022 – Nov 2022

Data Scientist

Applied python to ensure timely cleaning and extraction of necessary features (biomarkers) from raw data. Hold full accountability for conducting exploratory data analysis and detecting outliers (biomarker) to evaluate the performance of centers and quality of samples on a regular basis. Extract, sort, and merge information from lab analyzers (Cobas c311, e411, and Sysmex) to the respective master according to the project and center.

KEY ACCOMPLISHMENTS

- ▶ Expertly utilized Python to divide and prepare multiple excel sheets from lab data in a single file according to the pattern and deliver lab reports.
- ▶ Created different pipelines of preprocessing the data that was entered by the DEOs. Used different libraries of Python to correct the mistakes in SPSS files.
- ▶ Used various methods to deal with the errors in the SPSS data.
- ▶ Created pipelines to perform various checks on the Data for the cleaning purposes.

NOW CREATED, KARACHI, PAKISTAN

Jun 2021 – Feb 2022

Web scraper & Backend Support

Collected, retrieved, and compared the data from database and scrapped data. Used Python to oversee functions related to web scrapping of bizbuysell.com website.

KEY ACCOMPLISHMENTS

- Succeeded in splitting the key information into JSON files or Excel sheets according to categories.

AFFINITY BUSINESS SUITE, KARACHI, PAKISTAN

Dec 2019 – May 2021

Odoo Technical Programming

Assumed and maintained liability for creating multiple APIs and assuring reporting between Odoo and PostgreSQL DB while using XML and Python. Created low level requirement document in liaison with different teams. Followed best practices to ensure the readability and maintainability of the code.

KEY ACCOMPLISHMENTS

- Examined and made necessary changes in the master Odoo files according to the client requirements.

ADDITIONAL EXPERIENCE

UI/UX Designer || Plug Orange, Karachi, Pakistan || Jan – Jul 2019

KEY PROJECTS

FYP Project: Urdu News Scraper and Text prediction using Data Science and Machine Learning

Link: <https://unc.pythonanywhere.com/>

Linked-In Automation (Selenium)

<https://github.com/asifkasi/Linkedin-Automation>

Multiple Web Scrappers

<https://github.com/asifkasi/Scrapers>

Shop management MVC5

<http://www.smcom.somee.com/>

GitHub Profile (Multiple tasks uploaded related to machine learning and web development)

<https://github.com/asifkasi>

HONORS & AWARDS

Award for Speed Programming from multiple universities (2018-2022)

Runner-up for algorithms competitions from PAF-KIET in (2019)

Winner up Award for Speed Programming from PAF-KIET in (2019)

Award for Speed Programming from GIKI for participating in ICPC (2019)

Best Project Award for Data Structure from PAF-KIET in (2019)

Best Project Award for Programming Fundamental from PAF-KIET in (2018)