Aakash Kadiyan

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Work Experience

Data Analyst , StrategyCoGlobal, India   *October 2021- Sept 2024*

- Initially joined as a Data Analyst, But I Took the initiative to automate data processes by writing Python scripts, enhancing efficiency, data handling and starting developing new features for our In house tool Tracey.

  Data Analyst Role -

  - Gathered data from multiple sources, cleaned it for consistency, and ensured high data quality.
  - Analyzed data trends, patterns, and discrepancies, providing insights to guide business decisions.
  - Worked with departments to understand their data needs, customizing reports to support various business functions.
  - As a data analyst, I collaborated closely with the AI NLP team to gather requirements for data labeling, delivering clean and optimized data to support their needs.
  - Provided feedback on AI model performance, offering insights into prediction accuracy and areas for improvement.
  - Worked closely with junior analysts, offering guidance and evaluating their work and overall performance.

  Transition to Python Development -

  - Automated repetitive data tasks using Python scripts, resulting in significant time savings and minimizing manual errors.
  - Used Python libraries (e.g., Pandas, OS, PyMongo) to extract, transform, and prepare data for analysis and reporting.
  - Built robust scripts with error-handling capabilities, ensuring smooth operation even in cases of unexpected data inputs.
  - Merge all JSON files into a single file and create a new consolidated JSON output.
  - Identify utterances, map them to their corresponding intents, and generate a new CSV file.
  - Migrate entity data from a JSON file containing paragraphs to the database.
  - Remove entity test data from the training dataset, then save the modified data to a JSON file.
  - Extract recommendation data from the database and append it to a CSV file.
  - A Python script to verify user statuses in the database, identifying whether they are active in the application and prepared to take the test, and then saving this status data along with their names, email IDs, and other details and dump them into Excel file.

  Transition to Full-Stack Development -
  - Initially, in our in-house tool Tracey, I focused on reporting bugs in various features, including the search functionality, pagination, navigation, and text highlighting.
  - I then worked to minimize dependency on the software team for bug fixes, gradually learning to troubleshoot and resolve these issues independently.
  - I contributed by developing small enhancements, such as search suggestions and text highlighting features.
  - Additionally, I collaborated with the software team to propose ideas aimed at reducing the number of clicks required, streamlining the tool's usability.

Jr. Python Developer , India   *Oct 2018 - Sep 2021*

- Responsible for basic Create, Read, Update, and Delete (CRUD) operations on databases, ensuring data integrity and availability.
- Contributed to MLAI's client JCB's chatbot, handling intent updates, monitoring chatbot performance, and executing Docker containers to maintain stable deployments.
- I also contributed to Microsoft's Speech-to-Text project, where I collaborated with developers to understand project requirements and assist in testing and validating the speech-to-text conversion scripts.
- Develop small automation scripts to streamline repetitive tasks, improving team productivity and reducing manual workload.
- Work closely with senior developers to understand project requirements and contribute code improvements under their guidance.

Education:

- **M.C.A** (57%), DDE Kurukshetra, Kurukshetra University (**2019-2022**)
- **B.sc (Computer Science)**(66%), University of Delhi (**2012-2015**)

Tools:

Javascript, Python, HTML, CSS, MySql, MongoDB, Pandas, OS, ExpressJS, Flask, REST APIs.