

Soham Salil Shelat

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SUMMARY

AWS Certified Developer and data enthusiast with a highly analytical and process-oriented mindset. In-depth knowledge of and experience in data analysis and big data capture, manipulation, and visualization. Prior success in laying the foundational structure to solve various data problems, including data mining, data warehousing, and deriving insights. Experience working directly with data engineers to scale data projects to production and maintaining end-to-end oversight on the data process.

WORK EXPERIENCE

PrivCo

New York, NY

Data Analyst

June 2017 – Present

PrivCo is a SaaS platform that provides financial data and KPIs on over 380,000 privately held US companies. Company profiles include current and historic revenues and employees that aren't available in a curated form on any other platform or database, as well as contact information, M&A deal activity, funding details, valuation, ownership structure, and more.

- Scraped data for hundreds of websites and internet databases using frameworks such as Scrapy, BeautifulSoup, and Selenium, and subsequently cleaned and transformed the raw data into a structured and usable format using Pandas and NumPy at a larger scale.
- Transformed and loaded more than 100 uniquely scraped data sets into a data lake on PrivCo's AWS platform using AWS Athena, Glue, Redshift, and S3, as well as Databricks, with industry, location, contact, CIK/EIN/D-U-N-S number, and other company information for over 6.5 million US-based companies.
- Utilized the Clearbit API to add logos for over 120,000 company profiles on the PrivCo platform and further created and maintained a process for QA, periodic updates, and consequent loads of images for missing logos and new companies.
- Optimized the process for tracking and recording daily funding and M&A deal activity by identifying a set of consolidated sources that comprised of over 100 unique web sources that reported company M&A, IPOs, funding and bankruptcies which resulted in a increase of daily M&A coverage by 50% and over 700 current US deals on a monthly basis.
- Curated data for several data partnerships with companies such as CrunchBase and FactSet, in addition to working directly with technical representatives from our partners to correctly map the data and ensure that PrivCo's data is being accurately represented on their platforms.
- Communicated directly with academic clients to answer technical questions for non-technical stakeholders and create customized data extracts and dashboards using Tableau and SQL for several of our clients' research projects.
- Supervised and mentored two interns and all new data engineer and data analyst hires, which included introducing them to the PrivCo platform and data repo, as well as being a technical resource to answer any questions regarding new Python modules and improving project workflows.
- Performed ad-hoc SQL analysis and data-pulls by utilizing subqueries, window functions, and CTEs to generate data reports for members of the sales team ahead of potential client demos and to satisfy client requests.

EDUCATION & CERTIFICATIONS

New York University

New York, NY

Master of Science in Management of Technology

December 2017

Related Coursework: Management of Information Systems, Project Management, Accounting and Finance, Economics, Global Innovation, Managing Technological Change and Innovation, Operation Management, Business Analytics

Indus Institute of Technology & Engineering

Ahmedabad, India

Bachelor of Mechanical Engineering

May 2015

Amazon Web Services AWS Certified Developer (Associate)

September 2018

TECHNICAL SKILLS

Python: NumPy, Pandas; Scrapy, BeautifulSoup, Selenium; Matplotlib; Multithreading; FuzzyWuzzy; Jupyter Notebook
Databases: SQL, MongoDB, AWS (Athena, Glue, Redshift, S3), Databricks
Software: Tableau, Excel (VBA, Index/Match & VLOOKUP), Monday.com, MySQL Workbench, Anaconda, Shell Scripting