

Sagar

Objective:

Looking for a challenging career in the field of IT-Software especially Data scientist/ML/AI +Python Programming where my strong SQL and Statistics knowledge shared to the Development team with the help of Machine Learning skills that can be effectively upgraded to solve the business problems by using predictive modelling and data processing.

Skills:

- Core Libraries worked with:
Matplotlib | Numpy | Pandas | Scikit Learn | Seaborn | Scipy | PySpark
- Process worked with:
DevOps + Agile
- Machine learning Algorithm Work Experience:
Linear Regression | Logistic Regression | Decision Tree | Random Forest | K-means
- Machine learning Algorithm Strong Understanding:
K Nearest Neighbour | Naïve Bayes | Support Vector Machine | XG Boost
- Software programming Language Experience:
Python | SQL | CSS | html
- Highly efficient Data Scientist/Data Analyst with 3.3 years of experience in Data Analysis, Machine Learning, Data mining with large data sets of Structured and Unstructured data, Data Acquisition, Data Validation, Predictive modeling, Data Visualization, Web Scraping.
- 3+ years of Experience in design, development, testing and implementation of various stand-alone and client-server architecture-based enterprise application software in Python on different domains.
- Experience and deep understanding of Multivariate Analysis, model testing, problem analysis, model comparison, and validation.
- Experience in using various Libraries and Packages in python-like pandas, NumPy, Seaborn, SciPy, Matplotlib, sci-kit-learn, Beautiful Soup, Json, and CSV, highly skilled in using visualization tools like Tableau for creating dashboards.
- Experience and Technical proficiency in Designing, Data Modeling Online Applications, Solution Lead for Worked and extracted data from various database sources like Oracle, SQL Server, DB2, regularly accessing JIRA tool and other internal issue trackers for the Project development.
- Highly creative, innovative, committed, intellectually curious, business savvy with good communication and interpersonal skills.

Technical Skills:

Frameworks	Django, Flask
Programming Languages	Python, SQL, HTML, CSS
Version Control	Git, GitHub
Cloud Computing	AWS EC2, S3
BI tools	Tableau

IDE s/ Development Tools	PyCharm, Jupyter Notebook, Google Colab, Spyder
Deployment Tools	Heroku, Jenkins
Protocols	TCP/IP, HTTP/HTTPS, SOAP
Databases	Oracle 10g, My SQL, MongoDB
Operating Systems	Windows, Red hat Linux

PROJECT 1:

Project Name : Intelligent Dimensions and metrics Analysis - IDMA
Client : Cdiscount, France
Domain : E-commerce
Role : Python Data Scientist

Description:

It is the process of gathering data from all areas that have an impact on user online store and using this information to understand the trends and the shift in consumers' behaviour to make data-driven decisions that will drive more online sales. Price and stock information about business competitors and where Business are positioned against them price-wise is a very important data point user need to consider if user want to compete in the e-commerce space. Product analysis allows user to understand which products and product lists are performing, why they're performing or underperforming, as well as what you can do to optimize sales. Product metrics as Number of products, Number of active products, Gross Margin, Number of Reviews, Product detail views, Product add to carts, Product removes from cart, Product conversion rate are vital element for business.

Important Modules are Sales Analytics, Data Repository collection, Customer Behavior Analytics, Marketing Performance analysis, Conversion Optimization, Product analytics.

Technology & Tool: Python, Pandas, Machine Learning, Jupyter, Flask, Pyspark, SQL, AWS EC2, Statistical Analysis

Responsibilities:

- Implemented Data Exploration to analyze patterns and to select features using Python SciPy.
- Built Factor Analysis and Cluster Analysis models using Python SciPy to classify customers into different target groups.
- Evaluated business requirements and prepared detailed specifications that follow project guidelines required to develop written programs.
- Participated in Data Acquisition with Data Engineer team to extract historical and real-time data by using S3 Bucket, API and Databases.
- Created reports and dashboards, by using Tableau 9.x, to explain and communicate data insights, significant features, models scores and performance of new recommendation system to both technical and business teams.
- Used Git 2.x for version control with Data Engineer team and Data Scientists colleagues, Used Agile methodology and SCRUM process for project developing.
- KT with the client to understand their various Data Management systems and understanding the data, creating meta-data and data dictionary for the future data use/data refresh of the same client.
- Structuring the Data Marts to store and organize the customer's data.
- Maintained PL/SQL objects like packages, triggers, procedures etc., Mapping flow of trade cycle data from source to target and documenting the same.
- Performing QA on the data extracted, transformed and exported to excel.
- Participated in all phases of data mining; data collection, data cleaning, developing models, validation, visualization and performed Gap analysis.
- Used pandas, numpy, seaborn, scipy, matplotlib, scikit-learn in Python for developing various machine learning algorithms.
- Built models using Statistical techniques and we used ML algorithm like DT and Random Forest.

PROJECT 2:

Project Name : Automated Clearing House
Client : Cdiscount, France
Domain : Payment
Role : Python Data scientist

Description:

This Payment Gateway solution Integrate all your payments along with banking, expense management & accounting - all in ONE online bank account. This Digital Ecommerce Payment Gateway is to approve the transaction process between merchant and customer. It plays a vital role in the online transaction process and authorizes transactions between merchants and customers. This payment gateway is a merchant service provided by an Ecommerce application service provider that authorizes credit card or direct payments processing for e-businesses, online retailers, bricks and clicks, or traditional brick and mortar. The payment gateway may be provided by a bank to its customers, but can be provided by a specialized financial service provider as a separate service, such as a payment service provider. This payment gateway facilitates a payment transaction by the transfer of information between a payment portal (such as a website, mobile phone or interactive voice response service) and the front end processor or acquiring bank.

Technology & Tool: Python, Pandas, Machine Learning, Jupyter, Django, Flask, Html, css, Pyspark, SQL, Docker, Statistical Analysis

Responsibilities:

- Implemented Data Exploration to analyze patterns and to select features using Python SciPy.
- Built Factor Analysis and Cluster Analysis models using Python SciPy to classify customers into different target groups.
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- Built Factor Analysis and Cluster Analysis models using Python SciPy to classify customers into different target groups.
- Created HBase tables to store various data formats of data coming from different portfolios.
- Provide summary statistics of key performance metrics and other measures deemed significant business units.
- Coordinate and manage data analytics activities with stakeholders.
- Used Machine learning algorithm Random Forest, SVM and XGBoost.
- Perform multivariate analysis, predictive modelling, cluster, market basket analysis using sophisticated statistical techniques.
- Determine the source of the data, coordinate extraction and acquisition.
- Assess data quality, identify gaps in the data and eliminate irrelevant data.

PROJECT 3:

Project Name : CMOL – Circuit Move over Length
Client : KPN - Netherland
Domain : Telecom
Role : Python Data Scientist

Description:

KPN Optical Networking is the latest Fiber optics /Voip technology Provider in Netherland. It will enable a host of rich multimedia services such as video calling, video on demand, and provide a richer experience for existing services such as mobile internet, mobile TV and MMS, Broadband, Fiber optics technology Nextgen Networks operate on technology called High Speed Downlink Packet Access (HSPA). Data is transmitted many times faster than earlier 5G networks. This basically means that in addition to the earlier audio, graphics, and text, you can now send and receive video content too.

Ethernet is widely applied as carrier-class access technology. With the addition of IP and tunneling capabilities to packet edge devices, a variety of new business services can be offered.

End user should be able to add and delete the shelf, Rack and cards from Exchange Data (ESRP).

Technology & Tool: Python, Django REST, Pycharm, SQL, Rest – Web service, Pandas, Statistical Analysis

Responsibilities:

- Implemented Data Exploration to analyze patterns and to select features using Python SciPy.
- Built Factor Analysis and Cluster Analysis models using Python SciPy to classify customers into different target groups.
- Participated in Data Acquisition with Data Engineer team to extract historical and real-time data by using S3 Bucket, API and Databases.
- Created reports and dashboards, by using Tableau 9.x, to explain and communicate data insights, significant features, models scores and performance of new recommendation system to both technical and business teams.
- Used Git 2.x for version control with Data Engineer team and Data Scientists colleagues, Used Agile methodology and SCRUM process for project developing.
- Structuring the Data Marts to store and organize the customer's data.
- Maintained PL/SQL objects like packages, triggers, procedures etc.,
- Participated in all phases of data mining; data collection, data cleaning, developing models, validation, visualization and performed Gap analysis.
- Used pandas, numpy, seaborn, scipy, matplotlib, scikit-learn in Python for developing various machine learning algorithms.

Educational Qualification and Professional Awards:

- **B.E – EXTC – Amravati University**
- Received Performance Star performer award from Virtusa for good performances.
- Received appreciation for E2E Delivery from Client Cdiscount , France, USA