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Emmanuel Samir Harris
Data Science professional

SUMMARY

Enthusiastic enterprising data analysis & IBM certified Data Science Professional highly skilled in gathering and processing data for developing client-centric solutions. Adept at conducting market research and competitor analysis to identify new business opportunities.

An experienced freelance developer with Total 8+ years of experience in SPSS-IBM Data Analysis, Infosys-Finacle Banking software, C++, SQL Server DBMS, Statistical modeling, Advanced Excel Data Analysis, and Quantum Computing-IBM.

Possessing relevant experience of 5+ years in Python, Python-NLP (Chatbot LLM like ChatGPT), MySQL, Google collab, Python libraries (Pandas, Matplotlib, Pyspark, Spacy), Django & Flask framework, AWS, JavaScript, node.js with React and Redux with API integration. Using Analysis tools like Tableau and Google Analytics to Analyse Meta Data for storytelling purposes.

I Know English, Hindi and basic German Language. Learning Japanese.

KEY SKILLS

Data Analysis . Data Mining . Data Gathering & Extraction . Data Processing Cycle Management . Server Management . Machine Learning . Automation. Survey Program Management . Financial Data Analysis . Business Intelligence .Data

KEY PROJECTS

Lead Score Case Study: An Education Company Selling Online Courses has a conversion rate 30%.For improving the Conversion Ratio from 30% to 80%,used the machine learning models and EDA and Data Visualization. Analyzed the Financial Benefit Analysis where the Revenue can be generated and where the Profitability can be improved from different Sources of Lead Generation.
Clustering Assignment: Help International NGO for Identifying Poor Countries which require Monetary aid using the Python Libraries.
Bike Sharing Assignment: Built a Model which has significant impact on the Sales of the Company using Linear Regression.
Credit EDA Case Study: A Financial Company which lends Loans Wants to Identify the variables for Loan Default using Exploratory Data Analysis Univariate and Bivariate Analysis.
IMDb Case Study: Performed Data analysis, used Data Visualization Libraries in Python (Matplotlib, Seaborn).
Solved **Random Forest models.**

PROFESSIONAL EXPERIENCE

Freelancer Developer   Jan '18- Presen
Freelance   New Delhi, IN
working as Freelance developer

- **Quantum Computing, Data Science, DBMS, Data Analysis & Data Mining of Meta Data**
- Worked on integrating -party APIs and services with the banking software and machine learning using the mentioned technical skills.
- Prompt Engineer using NLP.
- Developed and maintained Python-based chatbots using NLP and machine learning techniques.
- Designed and implemented database solutions for clients using SQL Server and MySQL.
- Created data visualizations and reports using Tableau and Google analytics.
- Produced web applications using Django and hosted them on AWS.
- Worked as a software developer on the Infosys-Finacle Banking software project.
- Developed and maintained 100% C++ code for the core banking module.
- Worked on integrating 3rd-party APIs and services with the banking software.
- Contributed to the development of statistical models for fraud detection and risk assessment.
- **HR Analytics**
using ATS tools for streamlining the flow of resumes Greenhouse, prelude, google meet as per HR Analytics and Data Analysis.
- **Coordinating with stake holders**
Coordinating with different stakeholders for managing things between client and company, for working as per their needs on Various tools and languages in Data Science like Python, Decision making tree, NLP, RDMS, SPSS, SQL, HTML, CSS, etc.

Head of Business, Human Resources & Legal   Oct '19- Oct '20
www.researchreportkart.com/   Bilaspur, IN
Entrepreneural Experience involving Quantitative Data in market research report sector.

Migration . Tool & Algorithm Development . Protype & Product Development . Anomaly Investigation .Software Development. Project Management . Leadership & Training . Quantum Computing

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript
Frameworks: Django, Flask, node.js with React and Redux with API integration
Database: MS SQL Server, MySQL
Data Analysis Tools: SPSS-IBM, Advanced Excel, Tableau, Google analytics
Python Libraries: Pandas, Matplotlib, Pyspark, Spacy, Seaborn, Statsmodel, NLTK
Machine learning frameworks: TensorFlow,Keras, Scikit-learn
Big data tools: Apache Spark, Hadoop, Hive, Pig
Cloud Platforms: AWS, Google Cloud, MS-Azure
Quantum Computing: IBM Qiskit

CERTIFICATIONS

- **Soft Skills Training** |HRBP - LinkedIn certificate, ILO, WHO
- -Introduction to Data Science |IBM Cognitive Class| January 2021 |
- - Python 101 for Data Science| IBM Cognitive Class| January 2021
- **FDP** -Quantum Computing |Electronics and ICT Academy
- **NIIT Certificate** - C++ (2008) & SQL Server (2008)

- **Managing Quantitative Data**
 Management of Data involves various tasks such as data analysis, data quality control, data integration, data transformation, data modeling, data governance, and data security of market research report.
- **Talent Aquisition & Compensation strategy**
Creates and updates compensation strategy through market analysis and pay surveys, as a HRBP & HR Analyst.
- **Report to Management**
Oversaw the entire business operations of ResearchReportKart.com, including business development, human resources management, and legal compliance.
  - Developed business strategies to increase revenue and profitability by analyzing market trends, identifying new business opportunities, and optimizing client relationships.
  - Built and led a high-performing team of professionals in business development, human resources, and legal compliance to achieve the company's objectives.
  - Ensured compliance with labor and legal regulations by developing policies and procedures, conducting audits, and providing guidance to managers and employees.
  - Collaborated with other functional areas of the company to support and drive business growth.
  - Advised strategy for CSR & product management.
- **Bridge Management and employee relations** by addressing demands, grievances or other issues.
  - Conducted market research and competitive analysis to identify new business opportunities and target markets.
  - constructed and maintained relationships with clients and partners to promote business growth.
  - Delineated and reviewed legal documents such as contracts, agreements, and policies.
  - Administered legal research and provided guidance to clients on legal compliance as aide to Technology lawyer.
  - **Delegation of work** to Business Development Manager.
  - Assessed sales data and performance metrics to optimize marketing and sales strategies.
  - **Social Media Manager** for Marketing & **Content creation** of the trending market reports to niche HNI customers. Also International Customer handling process.

Data Analytics- Mining
NTPC LTD

Jul '16 - Oct '17
Bilaspur, IN

Worked as a Data Miner for NTPC, Sipat, Bilaspur via Kashika Construction third party contractual basis.

- **Data Analysis & Data Mining**
I solved the problem of manually searching of plant machinery and township map, by pushing for easy retrieval of data through **indexing** in a **digital format** at the time of emergency or mishap.
- **Data Processing & Transformation**
Playing a pivotal role in **creating a database** of the central library, and solving the cumbersome manual checking of crucial plant data, by Building huge data sets effectively via **advanced querying, visualization,** and analytics tools.
- **Strategy Formulation**
Researching and setting up new system for the library under field engineering service department. **Increasing the efficiency** of the plant manuals **by 100%,**at the time of schedule or unscheduled maintenance, **under safety and efficiency protocol.**
- **Report Generation & Troubleshooting**
Generating **periodic reports** and updating the resources with new data, completed **managing & maintaining master data,** resolving issues pertaining to database and reporting database environment and overseeing the **quality assurance** of the **imported data for troubleshooting purposes.**

Research Assistant
Guru Ghasidas University

Jan '16- May '16
Bilaspur, IN

Worked as a Research Assistant at Guru Ghasidas University, Bilaspur for CPRHE (NEUPA, New Delhi).

- Solved problem by **creating a database** of the University students, professors and administrators profiles by **95%** ,regarding the current flaws and prospective solutions that was conducted by NEUPA, New Delhi that later was considered for the Education policy of India.
- Improved Entries of **classroom observation** done by Research Team in MS-Excel sheet and word file to be analyzed later under **Interpretation and Transcription** via Voice recording to words

with **100% efficiency**, this to be further analyzed under **Report writing** for further analysis in **SPSS** by team leader.

EDUCATION

Post Graduate Diploma in Data Science

Feb '21- Feb '22

IIIT Bangalore & upGrad

Bengaluru, IN

- **Course Modules:**
  - Data Analysis using SQL | Introduction to Python | Introduction to Machine Learning ,Linear Regression and Logistic Regression| Neutral Network Tree| SVM
  - Time Series Analysis | Telecom Churn Case Study | Lexical Processing | Syntactic Processing
  - Business Problem Assignment | Building Automated Data Pipelines with Oozie/Airflow | Analytics using PySpark

Executive Management Development Programme in Human Resource Management

Mar '17- Oct '17

XLRI Jamshedpur

Jamshedpur, IN

Human Resource Management

Post Graduate Diploma in Computer Science

Jul '14 - Jun '15

Kalinga University

Raipur, IN

Master of Arts in Economics

Jul '12 - Apr '15

Bilaspur University

Bilaspur, IN

Quantitative method - Major

Bachelor of Commerce

Jul '04 - Jul '07

St. Xavier's College

Mumbai, IN