Hunar Mohammed

(619) 675-8702
hunar.b.mohammed@gmail.com
Portland, OR   pyart.tech
linkedin.com/in/hunar-mohammed

SUMMARY:

Detail-oriented Data Analyst with a strong foundation in statistical methods and data visualization. Proficient in extracting, cleaning, and analyzing large datasets using SQL, Python, and Excel. Experienced in creating actionable insights and reports to drive informed business decisions. Skilled in data interpretation, predictive modeling, and presenting findings to diverse audiences. Seeking to leverage analytical expertise to contribute to a dynamic team environment.

KEY STRENGTHS:

- **Analytical Mindset:** Adept at dissecting complex problems, extracting insights from data, and making informed decisions.
- **Programming Skills:** Proficient in languages like Python, R, or SQL to manipulate, analyze, and visualize data effectively.
- **Data Visualization:** Create compelling visualizations to communicate complex findings to non-technical stakeholders.
- **Problem-solving:** Skilled at formulating and solving real-world challenges using data-driven approaches.
- **Big Data:** Familiarity with tools like Hadoop, Spark, or NoSQL databases to handle and process large datasets.
- **Data Preprocessing:** Skillful in cleaning, transforming, and normalizing data to ensure accuracy and reliability.
- **Ethical Awareness:** Mindful of ethical considerations in handling sensitive data and ensuring responsible AI practices.
- **Time Management:** Efficiently handling multiple tasks and meeting project deadlines.
- **Attention to Detail:** Thoroughly examining data and models to identify potential pitfalls and errors.
- **Data Storytelling:** Creating narratives around data findings, effectively conveying technical and non-technical audiences.
- **Experimental Design:** Skilled at designing controlled experiments to test hypotheses and optimize solutions.
- **Data Ethics:** Committed to ethical data practices, ensuring privacy and compliance with data protection regulations.
- **Data Governance:** Understanding of data governance principles, data quality, metadata management, and data lineage.
- **Communication Skills:** Strong written and verbal communication skills to articulate complex technical concepts clearly.
- **Critical Thinking:** Capacity to evaluate and assess data quality, model performance, and potential biases critically.

KEY SKILLS:

Big data technologies:	Hadoop, Spark, Kafka, Hive, HBase, Map Reduce, Yarn, Databricks
Languages and more:	Python (Keras, Sci-kit learn), SQL, SAS, R, JavaScript, Bash Scripting, XGBoost
Data Storage:	Relational databases, NoSQL, Data Warehouses (Snowflake, Redshift), Data Lakes.
Data modeling	ER diagrams, Star schema, Snowflake schema, Dimensional modeling
MS Office Tools:	MS Access, Excel, One Note, PowerPoint, Word, Outlook
Packages:	Spark, Pandas, NumPy, Keras, Seaborn, Text Blob, matplotlib, sci-kit-learn, Beautiful Soup, spaCy, Gensim, regex, NLTK, Transformers, shape
Database & Query Languages:	SQL, MySQL & T-SQL, MySQL, Microsoft SQL Server, MongoDB, Amazon Web Services, Azure Synapse Analytics
Software and Tools:	Microsoft Excel, Natural Language Processing with ChatGPT & LLMs (Large Language Models)
Statistics / Machine Learning Method:	Hypothesis Testing, Regression Analysis, SVM, ANOVA, Naive Bayes, Decision Tree, Random Forest, Linear Regression, Logistic Regression, Extreme Gradient Boosting
Analysis/ Visualization Tools:	Tableau, Microsoft Power BI, Matplotlib, Microsoft Excel (Pivot table, VBA/Macros), Adobe Analytics, Stata, Google Analytics, SAP Bex Web
Teradata Utilities:	BTEQ, Fast Load, Fast Export, Multi-load, TPUMP, and TPT
Analytics Skills	Risk & Decision Analysis, Analytical Skills
Cloud Technology:	Snowflake, AWS, Azure cloud, Salesforce CRM
Web Technology:	Django, Django Rest Framework, JavaScript, JQuery, Ajax, HTML
Operating Systems:	Windows and Linux
Network related tasks:	Fiber Optic Installation, and troubleshooting

PROFESSIONAL EXPERIENCE:

Web Developer (Contractor – Part time)   Oct 2023 — Present
US Digital Sciences Corporation

- Develop and maintain websites, leveraging a tech stack that includes:
  - Python with Django, Django REST framework, and php for backend development.
  - Jquery, Ajax and bootstrap 5 for frontend development.
  - MySql for managing and optimizing database operations.
  - Deploy projects on ubuntu web server

Fiber optic technician   **Feb 2023 — Oct 2023**
FiberKigins LLC
- Pulling Fiber optic cables underground
- Installed conduits for optimal cable placement.
- Configured and Installed modems and routers in the residential homes.

Web Developer, Data Analyst   **Jul 2019 — Feb 2023**
Freelance
- Build several CRM applications for business owners.
- Build a multitenant application for two hotels.
- Customize content management systems (CMS) and e-commerce platforms based on client requirements.
- Gather, clean, and preprocess large datasets using SQL, Python, to extract meaningful insights.
- Analyze data using statistical methods, data mining techniques, and machine learning algorithms to uncover patterns, trends, and correlations.
- Develop and maintain data pipelines for efficient data extraction, transformation, and loading (ETL) processes.
- Create visualizations, reports, and dashboards using tools like Tableau, Power BI, and Matplotlib.
- Collaborate with cross-functional teams to understand business needs and provide analytical support for decision-making.
- Ensure data quality, integrity, and consistency across various databases and systems.
- Stay updated on data analysis techniques, tools, and trends to leverage the latest advancements in the field.

IT Specialist & Data Analyst   **Sep 2021 – Sep 2022**
Kurdistan Economic Development Organization
- Develop and implement data-driven strategies to optimize business processes and performance.
- Utilize statistical tools and programming languages like Python, R, SQL, or others to process and analyze data.
- Create visualizations, reports, and dashboards to effectively communicate findings to stakeholders.
- Collaborate with cross-functional teams to understand business needs and provide analytical support.
- Identify trends, patterns, and correlations within data to drive business improvements.
- Maintain and ensure data quality and integrity across various databases and systems.
- Implement predictive models and algorithms to forecast trends or outcomes.
- Interpret and present findings to non-technical stakeholders in a clear and understandable manner.
- Continuously assess and improve analytical processes to enhance efficiency and accuracy.

ACADEMIC BACKGROUND:

Postgraduate program, Data analytic-Part time   **Oct 2023 – Jun 2024**
Purdue University, (Online)

Bachelors of Science, Computer Science   **Sep 2015 – Jul 2020**
Sulaymaniyah University-Sulaymaniyah-Kurdistan, Iraq

CERTIFICATIONS:

- **Databases and SQL for data science with python** - *IBM*   August 2023
- **Python for data science and AI** - *IBM*   May 2023
- **Decent Work** - **leaders dream**   December 2021
  A short course about productive work for men and women in conditions of freedom, equity, security and human dignity.
- **Next Generation Coders Network** - *world learning – University of Indiana (Online)*   May 2021
- **Technical support fundamentals** - *Google IT support professional*   January 2021
- **Introduction to data science in python** - *University of Michigan*   March 2020
- **Creating and Distributing Python Packages** - *Two Scoops Press*   May 2018
- **Google analytics individual qualification** - *Google*   *January 2018*

ACTIVITIES:

- Review talks and volunteer at DjangoCon US 2023
- Volunteer at DjangoCon US 2022
- Ignite the creator's startup incubator - Five one labs