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SUMMARY

Detail-oriented Financial Analyst with 3+ years of experience developing and presenting informed analysis to guide executive level decisions. Possesses Business and Finance degree from university UB, masters in Big Data & Business Analytics from EAE and now studying Data Science Master at UOC.

Excited to leverage my strong analytical skills and support my team through advanced financial analysis and become an indispensable asset. Highly-motivated employee with desire to take on new challenges. Strong work ethic, adaptability and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills.

Balpreet Kaur

EXPERIENCE

January 2020 - December 2022

Senior Finance Analyst PepsiCo International Limited | Barcelona, Spain

- Oriented Financial Planning & Analysis and Operations. Creation, analysis and control of Forecasting/Planning. Planning and general financial analysis of business units and IT projects.
- Create and maintain ad-hoc financial analysis for IT project leaders & CFO.
- Expertise in developing monthly forecasting, annual budget.
- Management and financial control of Head Accounts.
- Detailed presentations and management of reports that provide value-added recommendations for financial forecasting projects. Analyze monthly forecasts and revenue/cost results to identify key growth drivers and trends.
- Recommendations, comparative analysis and guidance on financial operations as payments, budget and forecasting.
- Monitor and report on areas of risk and/or operational opportunity.
- Improve and control operations through consistent hard work and dedication.
- Analyze all month and year end financial activities including ad hoc F&A.
- Analyze and control pre-payments by provider and agree with GL's monthly publications. Manage and maintain SAP accounts (update and accuracy) and flow in Hyperion.
- Control the allocation of the budget against the right CCs.
- Management of financial activities affected by the currency exchange.
- Migration of Financial Data.
- Reconciliations of IT projects with financial dept.
- Continuous control of Forecast/Actuals with the PMs of the IT projects for monthly, quarterly and annual closings.

August 2021 - March 2022

Data Science Intern FlipRobo | Bengaluru, India

- Studied extensively on ML projects.
- Compiled, cleaned and manipulated data for proper handling.
- Ran statistical analysis processing large datasets.
- Did Mathematical and Analytical Modelling.
- Used Big Data tools.
- Learned in depth about libraries and resources in different environments.
- Modeled predictions with feature selection and ML algorithms.
- Tested and validated models for accuracy of predictions of interest.
- Applied loss functions and variance techniques to compare performance metrics.
- Developed polished visualizations to share results of D.A.
- Collaborated with senior analysts and data scientist to define and meet data modeling standards of deep dive projects.
- Translated cost/benefit of ML Tech for non-tech audiences.
- Present findings of advanced mathematical models.

August 2021 - March 2022

Data Science Intern DataTrained Noida | Noida, India

- Data Wrangling and Analysis using Python: Data pre-process and value imputation. Data Formatting. Data normalization. Binning.
- EDA. Descriptive Analysis.

EDUCATION. TRAINING.

- ❖ Master of Science | Data Science. UOC. March 2024.
 - ❖ Master of Science: Specialist in Data Science. ML. Datatrained. March 2022.
 - ❖ Master of Science | Big Data & Business Analytics. EAE. July 2021
 - ❖ Master of Science | Business Intelligence And Technological Innovation. UPC. July 2020.
 - ❖ Complete Data Science Course 2022. Udemy. Dec 2022.
 - ❖ Data Science 2022: Data Science & ML. Udemy. July 2022.
 - ❖ Machine Learning A-Z: Python & R in D.Sc. Udemy. June 2022.
 - ❖ DP-100: A-Z Machine Learning Using Azure ML. Udemy. Mar 22.
 - ❖ Python For Data Science & Machine Learning Btcmp. Udemy. May 2021.
 - ❖ Complete Data Science Bootcamp: Advanced. Udemy. December 20.
 - ❖ Complete ML : Data Science Python. Udemy. October 20.
 - ❖ Data Science Specialization Program. Coursera. August 2020.
 - ❖ Python for Data Science & Machine Learning Bootcamp. Udemy. May 2021.
 - ❖ Complete Python Bootcamp 2020. Udemy. April 2020.
 - ❖ Complete SQL Bootcamp 2020. Udemy. February 2020.
 - ❖ Complete SQL Bootcamp 2020. Udemy. February 2020.
 - ❖ Javascript Basic. Fundación Esplai. July 2019.
 - ❖ BBA | Business Management. UB. July 2019.
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- Advanced Data Visualization and Graphical Representation with Python including Waffle Chart, Word Chart, Folium and Choropleth Map.
- Statistical Analysis for Data Science including descriptive and inferential analysis. Covariance and Correlation. Hypothesis Testing. ANOVA. Advanced study of Errors. Evaluation metrics. Distributions of variables and residuals.
- Applied ML with Python. Base Regressions and Classifiers. Residuals. SLR. Gradient Descent. MLR. Std Scaler. Encoder. Entropy. Information Gain. Gin Impurity. PCA. SVM. KNN. DT. Analysis of Variance, ANOVA.
- Advanced Ensemble Techniques: Bagging Random Forest, Voting Classifier. Boosting. Adaboost. Gradient Boost. XGBoost among others.
- Unsupervised Techniques: ML such as KMeans and Hierarchical Clustering.
- Rigorous search on handling Missing values, Regularizations, Under or Over – Fitting, Sigmoid, MLR, VIF, LRMB. Evaluation Metrics and classification metric.
- Confusion Matrix. Hyperparameter and Gridsearch. Ridge Regression. Cross validation techniques. Imbalance Dataset handling.
- Model Development.: develop ML algorithm, measure and compare results.
- Model evaluation. Refinement and Selection.
- Model Deployment through Flask Apps, Heroku, AWS, GCP.
- Full Stack Big Data Projects completed A-Z.
- NLP Machine Learning.
- Business Analytics with Tableau.
- Big Data Architecture Knowledge: Hadoop, Mapreduce, HDFS, Hive, Kafka, Apache Spark, Scala, HBase, Cassandra.
- Amazon EMR.
- Big Data Testing.

January 2021 - December 2021

Data Science Intern Gigaroll | Connecticut, USA

- Learned Integrity and security of database management.
- Database Programming.
- Data APIs and Web-scraping.
- Data Integration, Management and Visualization.
- Deliver tangible, accelerated professional development through workplace exposure and training.
- Identified issues, analyzed data and provided solutions.
- Improved Gigaroll website including data driven metrics and visualizations.
- Developed and implemented performance strategies and plans to promote continuous improvement.
- Tested and validated models for accuracy of predictions in outcomes of interest.

November 2019 - June 2020

Data Engineer Intern Ebird | Barcelona, Spain

- Final master project. Real Big Data management case: Ebirds, company specialist in Bird Data.
- Used skills learned in Big Data, Project Direction and Management. Research, Data Analysis, Business Intelligence, Triple Constraint. Organizational Data Management.
- Analyzed complex data and identified anomalies, trends and risks to provide useful insights to improve internal controls.
- Developed, implemented, supported and maintained data analytics protocols, standards and documentation.
- Collected requirements and designed advanced analytics ranging from descriptive to predictive models and machine learning techniques.
- Designed and developed analytical data structures.
- Designed visualization for the website.
- Prepared summaries to accompany results.

SKILLS

- Active Learner.
- Complex Problem Solving.
- Critical thinking and analysis.
- Creativity, originality.
- Initiative, Positive attitude.
- Leadership and Team Player.
- Resilient, stress tolerance and flexible.
- Reasoning, ideation and results.
- Good knowledge of Big data tools.
- Practical experience on SQL, Python and R.
- User of Big Data tools such as PowerBI, QlikSense, Spark, MongoDB, Cassandra, Rapidminer, Storm, Neo4j.
- Data Science Enthusiastic
- Proficient Financial Senior Analyst.

ADDITIONAL INFORMATION

- ❖ Immediate Availability
- ❖ Driving License
- ❖ Personal Car
- ❖ Love Traveling

- Monitored incoming data analytics requests, executed analytics and distributed efficiently results to support data driven strategies.
- Contributed to internal activities for overall data process improvements, efficiencies and innovation.
- Explained data driven and business main target focused results.
- Communicated data requirement to Global Team.
- Prepared documentations and analytical reports effectively delivering summarized results, analysis and conclusions to stakeholders.
- Modeled predictions with feature selection algorithms.

June 2019 - June 2020

Administration Banc Sabadell | Barcelona, Spain

- Administrative providing customer service through SIBIS and CRM DBs.
- Identified issues, analyzed and provided solutions.
- Led projects and analyzed data to identify opportunities and improvements.
- Participated in team building activities to enhance working experience.
- Proved successful working within tight deadlines and a fast paced atmosphere.

August 2019 - January 2020

Administrative La Caixa, HQ. | Barcelona, Spain

- Administered Institutions of North Zone collaborating with main executives.
- Key presentations for directors.
- Salesforce Maintenance.
- Cloud Client Data Management.

April 2018 - April 2019

Mediator/Translator Catsalut | Barcelona, Spain

- Administrative, mediator and translator in critical health studies.
- Translation for important communications to the participant in these studies.
- Approving the final translations of medical analysis and critical reports.

April 2018 - April 2019

Administrative Intern Marsh & McLennan | Barcelona, Spain

- Intern in Risk Management dept. Collaborating with executives and providing administration of accountability of International Top Clients.
- Organize and manage Top client projects and contracts.
- Approving the translations of critical main contracts of Top clients.

LANGUAGES

Punjabi, Hindi: First Languages.

English: C1

Advanced

Catalan: C1

Advanced

German: A1

Beginner

Spanish: C2

Proficient

Italian: A1

Beginner

French: A1

Beginner

LINKEDIN

- <https://www.linkedin.com/in/balpreet-kaur-635b62160/>