

# Gowtham Jayachandiran

Senior Data Scientist | Business Intelligence Expert | 10+ Years Experience | Dubai

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## EXECUTIVE SUMMARY

Senior Data Science & Business Intelligence leader with 10+ years of experience transforming complex data into business-critical insights.

Proven track record of building and deploying **enterprise BI, AI/ML solutions** across finance, retail & telecommunications sectors.

Technical expert **certified in Tableau, Power BI, Alteryx, and Azure, with specialized Gen AI credentials.**

Successfully led diverse teams to implement data-driven strategies that increased **operational efficiency** by more than **30%** while aligning with **GCC business environments** and **digital transformation** goals.

Distinguished by a biotechnology educational foundation that enhances **analytical rigor** and provides **unique insights** when tackling **complex data problems**.

## EXPERIENCE

### Data Scientist

#### Cisco Systems

04/2023 - Present Bangalore, India

- Developed "Bookings Query GPT", an **AI chatbot** for querying Snowflake financial data using *LangChain, GPT-4o, Python, and FAISS*; deployed to 320+ execs, reducing time-to-insight by 60%.
- Built an **AI metadata intelligence tool** for 1,100+ Tableau dashboards with *LangChain, Alteryx, FAISS, and Python*, improving discoverability by 11% for 1,400+ users; deployed via *Docker CI/CD*.
- Engineered a **telemetry analytics pipeline** for 180K+ unstructured files using *Regex, NLP, Tableau and Scikit-learn*; integrated with *WebEx*, generating \$700K+ in pipeline revenue.
- Led **3 analysts** to deliver 2 BI projects, boosting Tableau adoption by 15% and reducing ETL delays by 10% using *BigQuery and Python*.
- Designed and scaled the **CN Bookings Insights** dashboard with 230M+ *Snowflake* records; grew user base from 1,800 to 3,000+ and enabled 170+ self-serve subscriptions.

### Senior Business Intelligence Developer

#### Nomura Holdings

07/2021 - 02/2023 Bangalore, India

- Led a team of **7 analysts** to deliver 35+ trading dashboards using *SQL, Snowflake, and Tableau*, boosting trading efficiency by 15%.
- Built **Streamlit frontend for Denodo** with *multi-threaded APIs and ARIMA-based time series insights*, enabling 3,400+ users to self-serve analytics.
- Automated **sentiment analysis** for 4,000+ L&D feedback with *NLP*, integrating results into *Power BI*; improved training program effectiveness.
- Optimized **SQL/ETL pipelines** and implemented data security, reducing runtime by 80% and maintaining zero breaches in trade data.

### Data Scientist

#### State Street Corporation

04/2019 - 07/2021 Bangalore, India

- Developed a **churn prediction model** using *XGBoost (AUC: 0.81)* with CRM data; reduced churn by 12% and embedded insights in *Tableau* for 500+ users.
- Built an **incident detection model** using *NLP and spaCy* to flag compliance risks from internal data, with visualizations in *Tableau*.
- Created **35+ dashboards** for Client P&L, Risk, and Procurement using *Tableau, Power BI, and SQL*; saved \$1.2M annually and cut reporting time by 40%.
- Designed & Developed **real-time dashboards** for transaction settlement and portfolio tracking, raising client satisfaction by 15% through improved visibility.

Business Intelligence Developer

Kantar Analytics Group

09/2018 - 03/2019 Bangalore, India

- Created 3 Tableau dashboards for retail analytics, improving supply chain insights by 8%.
- Defined data requirements with clients, ensuring 0% errors in compliant reports.
- Optimized SQL workflows, cutting processing times by 30% for analytics.

Business Intelligence Developer

Search2Hired Online Services

04/2015 - 08/2018 Bangalore, India

- Delivered 50+ dashboards with 0% error rate, driving 95% renewal rates for clients.
- Automated reporting pipelines with Power Query, saving 20 hours weekly for insights.
- Engaged clients to define BI scopes, ensuring 100% project delivery on time.

SKILLS

Data Science & Analytics

- Machine Learning: Classification, Regression, A/B Testing, Time Series (ARIMA/SARIMA), Clustering
- Deep Learning: TensorFlow, PyTorch, Keras, Neural Networks
- Generative AI: LangChain, GPT-3/4, BERT, RAG, Transformers, Prompt Engineering, Fine-tuning LLMs

Programming & Development

- Languages: Python (Pandas, NumPy, Scikit-learn, XGBoost, Regex), SQL, DAX, M-Query
- Web Development: HTML/CSS (basic), Flask APIs, Streamlit, AgGrid
- Version Control: Git, GitHub

Data Management & Visualization

- BI Tools: Tableau, Power BI, Plotly
- ETL Solutions: Alteryx, Python ETL scripts, Power Query, SQL-based pipelines, Tableau Prep
- Database Systems: Snowflake, Azure, Denodo, Oracle, MySQL, MS-SQL, SQLite

Enterprise & Cloud Solutions

- Cloud Platforms: Azure (ML Studio, Web Apps, AI Foundry), Snowflake, AWS S3
- DevOps: Docker, Jenkins, Spinnaker, CI/CD pipelines
- Business Systems: SAP BO, Salesforce CRM

Business & Leadership

- Project Management: Cross-Functional Team Leadership, Resource Allocation, Timeline Management
- Corporate Initiatives: Digital Transformation, Data Governance, Compliance, Automation
- Communication: Stakeholder Management, Technical Training, Client Relationship Management

EDUCATION

Master of Technology in Biotechnology  
09/2013 – 04/2015, Anna University, Chennai, India

Bachelor of Technology in Biotechnology  
09/2009 – 04/2013, Anna University, Chennai, India

LANGUAGES

English – Native Fluency  
Tamil – Native Fluency

Kannada – Beginner Proficiency  
Hindi – Beginner Proficiency

CERTIFICATIONS

Microsoft Certified – Power BI Data Analyst Associate  
Tableau Desktop Specialist  
Alteryx Designer Core Certification  
Microsoft Certified Excel Expert

IBM Certified - Deep Learning with Keras  
Microsoft Certified – Azure AI Services  
Cisco Certified Generative AI Green & Blue Belt  
Cisco Certified Data Science Green & Blue Belt