

# ARNAB PANDA **Power BI Developer & Data Analyst**

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## PROFILE

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Power BI Developer & Data Analyst with **3+ years of experience** having expertise in **Power BI, SQL, Python**, with strong proficiency in **business intelligence, data modelling, data visualization, and reporting**. Skilled in designing interactive dashboards, **DAX calculations, and real-time reporting** using **Power BI** components, **Data Integration, Data Warehouse** etc. Experienced in **Row-Level Security (RLS), KPI tracking, and performance optimization** to deliver actionable insights for strategic decision-making. Experienced in **AI-enhanced anomaly detection, data cleaning, and automation** for better reporting and efficiency.

## SKILLS

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**Business Intelligence:** Power BI, DAX, Power Query, Power BI Desktop, Power BI Service

**Data Handling & Modelling:** Excel, Pivot Tables, Power Query, Data Modelling, ETL Processes

**Programming & Data Analysis:** SQL (MySQL, Oracle SQL), Python

**Databases:** SQL, MySQL, Oracle SQL, PL/SQL

**ETL & Data Processing:** Alteryx, Power Query, SQL Server Integration Services (SSIS)

**Cloud Technologies:** Microsoft Azure, Azure SQL Database, Azure Data Factory, Cloud-Based ETL

**Kanban Tools:** JIRA, ALM Client Launcher

**AI & Automation:** Power BI AI Visuals, Smart Narrative, AI Insights

**Other Tools:** TFS (Team Foundation Server), ServiceNow, Dynatrace, AI-driven Data Insights

**Soft Skills:** Critical Thinking and Problem-Solving, Communication, Team Leadership, Flexibility

## PROFESSIONAL EXPERIENCE

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**Tata Consultancy Services (TCS)**

**Aug,2021-Present**

**System Engineer**

- **Developed and optimized** Power BI dashboards to track **key business and IT metrics** (incident trends, defect statuses, SLA compliance), improving decision-making efficiency by **30%**.
- **Automated** weekly and monthly reporting on **defects, incident counts, and system health**, reducing manual efforts by **60%** and increasing accuracy.
- **Designed KPI-driven dashboards** for tracking **financial performance, operational efficiency, and customer acquisition trends**, enabling data-backed strategies.
- **Implemented Row-Level Security (RLS)** in Power BI to ensure **secure access control** based on user roles and organizational hierarchy.
- **Integrated multiple data sources** (SQL Server, Excel, APIs, Web, CSV) into Power BI, improving data availability and accessibility for stakeholders.
- **Utilized Alteryx for data transformation, cleansing, and ETL processing**, ensuring structured datasets for analytics and reporting.
- **Worked with Azure SQL Database & Azure Data Factory** to manage cloud-based **data pipelines**, enhancing scalability and efficiency.
- **Optimized SQL queries** to improve dashboard performance, reducing data refresh times by **40%**.

- **Led collaboration efforts** with global teams, attending client meetings, providing **status updates**, and ensuring seamless stakeholder communication.
- **Applied ETL processes using SQL, Power Query, and Alteryx** to transform raw data into structured insights for business reporting.
- **Conducted knowledge-sharing** sessions on Power BI and SQL best practices, improving team efficiency.

## EDUCATION

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**B. Tech in Computer Science Engineering**, Maulana Abul Kalam Azad University of Technology    2017-2021  
**Higher Secondary**, West Bengal Council of Higher Secondary Education (WBCHSE)    2015-2016  
**Secondary**, West Bengal Board of Secondary Education (WBBSE)    2013-2014

## CERTIFICATIONS

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- **PL-300**: Microsoft Power BI Data Analyst
- **PL-400**: Microsoft Power Platform Developer
- **DP-900**: Microsoft Azure Data Fundamentals
- **AZ-900**: Microsoft Certified: Azure Fundamentals
- **Microsoft Business Intelligence Analyst by Edureka**
- **Accenture North America** - Data Analytics and Visualization Job Simulation
- **PwC Switzerland** - Power BI Job Simulation

## PERSONAL PROJECTS

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### Election Data Analysis 2024 - India

- Analysed **2024 Indian General Election** results using **Power BI** dashboards.
- Visualized voter turnout, party performance, and regional voting patterns.
- Utilized **DAX** and **SQL** for insights on vote share, seat allocation, and trends.

### IPL Data Analysis

- Developed interactive **Power BI** dashboard to analyse **IPL** match data.
- Focused on player performance, team statistics, and match outcomes.
- Used **DAX** and **SQL** to track player rankings, team win percentages, and trends.

## AWARDS & ACHIEVEMENTS

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- **Fresco TFactor: 2.99** – Demonstrated strong performance and problem-solving skills in various assignments.
- **Service & Commitment Award** – Recognized for exceptional dedication and consistent performance.
- **On the Spot (Team) Award** – Awarded for outstanding team collaboration and on-the-spot problem-solving.
- **Xcelerate Victor Certificate** – Earned for top performance and achievement in a high-impact project.