Prabhat Pathak

Associate Analyst

**Personal Info**

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Date of birth

1993-01-15

LinkedIn

linkedin.com/in/prabhat-pathak-029b6466

Blogs on Medium

<https://medium.com/@prabhat.pathak>

**Skills**

* Python
* SQL Server
* MS Excel
* Power BI
* Alteryx

**Area of Expertise**

* Statistics(Learning)
* Machine Learning(Learning)
* Python
* SQL Server 2014
* Alteryx Designer
* Data Visualization

**Interests**

* Reading Books
* Cricket
* Badminton

**Trainings**

* Python for Data Analytics
* Power BI Hands on Training
* Soft skill Training
* Alteryx Hands on Training

**Technical Blogs on Medium**

Text to Speech Conversion with python.

Associate Analyst with 5 year of experience in Data Analytics

**Experience**

Sep’18 - Present **Associate Analyst**

**Ernst and Young India**

* Good understanding of Advanced Query Tool, Python, SQL Server, Power BI, Excel, Alteryx
* Experience in writing Query/Scripts using tools SQL Server/ Python
* Experience in creating graphs using visualization tools like Power BI / Excel
* Database concepts
* Cleaning the data using Alteryx, creating the database in SQL server, and generating reports
* Responsible for extracting insight from the Tax data

Aug’15 - Aug ‘18 **Analyst/Senior setup configuration specialist**

**Aon Hewitt/Wipro**

* Knowledge of complete end-to-end project development, and maintenance work
* Ability to estimate the testing modules for self, and take on the challenges to meet the deadlines
* Analyzed business requirements, Software requirement specifications to create test scripts
* Maintaining defect tracking reports, communicating with dev and production support team to fix those defects
* Performing Regression Testing to verify bug fixes
* When needed, interacting with on-site business analysts to understand and analyze business processes, plans and requirements.

Feb 15 - July’15 **Intern**

**Aon Hewitt**

* Domain Understanding
* Exposure of tools like SQL Server/Excel/Mainframe/AQT
* Exposure of SDLC
* Database concepts

**Work Domain’s**

* Tax Administration & Transition to Goods and Services Tax (GST)
* Health &Welfare, US

**Awards and Achievements**

Bronze in Data Science and Data Visualization, Live our Value Award, Gold Award, Wizard Award ,Kudos Award

**Education**

**Lovely Professional University** Jalandhar, Punjab (2011- 2015)

**(**B. Tech in Electronics and Telecommunication)

**S.G.D. Patliputra S.S.C**  Patna, Bihar (2008- 2010)

(Bihar School Examination Board- 12th)

**High School Karpi Arwal**  Karpi, Bihar (2008)

(Bihar School Examination Board- 10th)

[How to integrate SQL Server with Python and using SQL Script in Python?](https://medium.com/@prabhat.pathak/how-to-integrate-sql-server-with-python-and-using-sql-script-in-python-a20bcbea6def?source=your_stories_page---------------------------)

[Translate List and Pandas data frame using google trans library in python](https://medium.com/analytics-vidhya/translate-list-and-pandas-data-frame-using-googletrans-library-in-python-f28b8cb84f21?source=your_stories_page---------------------------)

[How to generate lat and long coordinates of city without using APIS](https://medium.com/analytics-vidhya/how-to-generate-lat-and-long-coordinates-of-city-without-using-apis-25ebabcaf1d5?source=your_stories_page---------------------------)

[Customized Visualization Using Python in Power BI](https://medium.com/analytics-vidhya/customized-visualization-using-python-in-power-bi-fa4c5c986b1b?source=your_stories_page---------------------------)

[How to Create Bar Chart Race using Matplotlib in Python and using Flourish Studio?](https://medium.com/analytics-vidhya/how-to-create-bar-chart-race-using-matplotlib-in-python-and-using-flourish-studio-46e7bd986d5?source=your_stories_page---------------------------)

[Visualization of COVID-19 Total Tests Using Web-scraping and Plotly in Python](https://medium.com/analytics-vidhya/visualization-of-covid-19-total-tests-using-web-scraping-and-plotly-in-python-7ef9dda2ce37?source=your_stories_page---------------------------)

**Libraries**

* NumPy
* Pandas
* Matplotlib
* P
* Pyodbc
* Scikit-learn

**Achievements**

* Blogs got selected by Medium curators
* Got Kudos award from team after completing the project
* Got Gold and Live our value award in Aon/Wipro

### **CERTIFICATIONS**

* A-Z Python Course on Udemy
* Introduction of Power BI
* Alteryx Self service

### **Course**

* Python for Data Analytics
* Power BI on Udemy
* Alteryx Hands on Udemy
* SQL

**Professional Projects**

1. **Anti-dumping, Ernst and Young**

Overview: Goal is to track the dumping pattern for the products

Task Handled: Cleaning the data by doing ETL processing, Creating the database, Integration with Python with SQL, creating visualization to find insights from data.

Technology: Python, NumPy, Pandas, Seaborn, Power BI, SQL

1. **Crop life, Ernst and Young**

Overview: Goal is to do analysis of cost of the cultivation w.r.t different sectors.

Task Handled: Cleaning the data by doing ETL processing, Creating the database, Integration with Python with SQL, creating visualization to find insights from data. Creating regression and classification models

Technology: Python, NumPy, Pandas, Seaborn, Scikit Learn Power BI, SQL

1. **Advisory Services to Tax Administration agencies & Transition to Goods and Services Tax (GST) regime for Excise and Taxation Department (ETD), Government of Himachal, Ernst and Young**

Overview: Revenue Augmentation Analysis for different sectors.

Task Handled: Cleaning the data by doing ETL processing, Creating the database, Integration with Python with SQL, creating visualization to find insights from data. Creating regression models

Technology: Python, NumPy, Pandas, Seaborn, Scikit Learn Power BI, SQL

1. **Nordstrom Clients Implementation, Aon Hewitt (Wipro)**

Overview: Configuration of setup

Task Handled: Cleaning the data, Running the **query** and jobs against DB, generating the reports. Creating Test Case documents based on Functional Specifications Building Efficient Automation solutions to perform end to end testing. Involved in end to end resource management across the project.

Automated several complex business processes to minimize human intervention and provide more accuracy and added more value to business Good understanding of **SDLC** and **STLC** and **bug life cycle** Managing clients and providing inputs to internal stake holders as per the business requirements

Ability to prioritize tasks, multitask and execute them to perfection. Also, able to work in a high- pressure environment and capable of working in a team as well as individually

Technology: SQL, AQT, Mainframe, SQL Utility, ATE

1. **Mac D Implementation, Aon Hewitt (Wipro)**

Overview: Configuration of setup

Task Handled: Cleaning the data, Running the **query** and jobs against DB, generating the reports. Creating Test Case documents based on Functional Specifications Building Efficient Automation solutions to perform end to end testing. Involved in end to end resource management across the project.

Automated several complex business processes to minimize human intervention and provide more accuracy and added more value to business Good understanding of **SDLC** and **STLC** and **bug life cycle** Managing clients and providing inputs to internal stake holders as per the business requirements

Ability to prioritize tasks, multitask and execute them to perfection. Also, able to work in a high- pressure environment and capable of working in a team as well as individually

Technology: SQL, AQT, Mainframe, SQL Utility, ATE

**Personal Projects**

1. GSDP estimation Analysis based on GDP prediction of India during Covid -19 using regression technique.
2. Demand Forecasting
3. Salary Prediction
4. House Prices : Advance Regression Technique