Ayyaj Shaikh

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Career Objective:

Seeking a challenging & growth oriented career with a progressive organization that could tap into my full potential in the area of analytical and methodical skill and relevant expertise to help achieve organizations business goals.

Academic Qualification:

➢ M.Sc (Statistics) pursuing in SPPU, Pune with 7.24 GPA.

➢ B.Sc (Statistics) from T.C.college Baramati with an aggregate of 79%, April 2016.

➢ H.S.C (PCMB) from N.R.Junior college,Indapur with an aggregate of 65%, April 2013.

➢ S.S.C from K.S.K.Vidyalaya, Indapur with an aggregate of 91%, April 2011.

Software Skills

- ➢ **Programming Languages** : R, Python(Beginner), SQL(Beginner)
- ➢ **Tools and Utilities** : Tablue, Power BI, Minitab, SPSS (Beginner), MS-Office(Excel, Word, PowerPoint)

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Technical Skills

- ➢ **Regression** : Linear Regression, Multiple Regression, Logistic Regression
- ➢ **Classification Technique**:, KNN, Decision tree, Bagging, Random Forest, Boosting,SVM
- ➢ **Cluster Analysis**: Hierarchical & Non Hierarchical
- ➢ **Multivariate Analysis**: Principal Component analysis, Factor Analysis
- ➢ **Time Series Analysis** (AR, MA, ARIMA, SARIMA, Forcasting)
- ➢ **Python Libraries-**Pandas, Numpy, Scikit-Learn, Matplotlib

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Academic Projects and Assignments

1) **Project on detection of circadian rhythmecity using statistical technique (M.Sc)**

   Objective: Detection of circadian rhythmecity using statistical technique.

   Techniques Applied: Lomb Scargle periodogram, Cosinor analysis

   Software used: Cosinor application, LSP application, Minitab and R software

2) **Multivariate Data Analysis assignment - Analysis of players in FIFA 2018 (M.Sc)**

Objective-
The multivariate analysis techniques are applied on the data by keeping in mind the following objectives-
1) To find the best player and best Gk.
2) Is there significant difference in average performance of left footed and right footed players?

Techniques- PCA, Factor Analysis, Hotelling T^2 technique.

3) Bank customers churn modeling assignment (Assignment)

Objective-Visually analyzing the data and create an interactive dashboard by using Tablue and Power BI .**2)** Use Machine learning techniques for analysing customer churn.

Techniques-Logistic and Decesion Tree Visualize the data by using Bar charts, Line chart, Filled map, Treemap.

4) Assignment-Analyzing Time Series Data Sets

Data sets: Milk production
Objective-Analysing the pattern in the data and fit appropriate model
Techniques-ACF and PACF plots, ARIMA, SARIMA

➤ **Achievement:**

- Awarded Cytel Scholarship 2016-2017
- 1st Prize in Pratibha State Level Elocution Competition in 2015 at Baramati.
- 2nd Prize in Moraopant State Level Elocution Competition in 2015 at Baramati.
- Selected as Branch Post Master at Balawadi (Sangola) Post office in 2017.
- 2nd s Prize Vasnat Sahitya Avishkar State Level Elocution Competition in 2014 at Pandharpur.
- 1st Prize in State Level Elocution Competition in 2013 at Malshiras (Dist-Solapur).

Co-Curricular activities

- Hosted the Departmental Festival "SPARSHIKA" 2018 organized by the Department Of Statistics. (SPPU).
- As a member of NSS I have attended 7 day camp for" Water Conservation" program in drought affected area at Sawantwadi, Tal Baramati, Dist-Pune.
- Participated in Play "Placement Interview" in "SPARSHIKA".

Personal Particulars

Permanent address   : A/P-Indapur, Tal-Indapur, Dist-Pune, Pin- 413106

Date of Birth   : 03/03/1995

Language Known   : English, Hindi, Marathi

Hobbies   : Elocution, Reading Motivational Books.

Shaikh Ayyaj Tayyab