



RESERVE BANK OF INDIA SERVICES BOARD, MUMBAI

Advt. No. 3B / 2018-19

(This advertisement and the link to apply Online can be accessed on RBI Website www.rbi.org.in)

RESERVE BANK OF INDIA – RECRUITMENT FOR THE POSTS OF DIRECTOR IN GRADE ‘F’ IN THE PROPOSED DATA SCIENCES LAB

“[Applications](#)” are invited from Indian nationals for the following post in Reserve Bank of India (RBI/Bank).

Post	No. of Vacancies				TOTAL
	Unreserved i.e., General (GEN/UR)	Scheduled Castes (SC)	Scheduled Tribes (ST)	Other Backward Classes (OBC)	
Director in Grade ‘F’ for the proposed Data Sciences Lab	01	-	-	-	01

Reservation for SC/ST/OBC: There is no reservation for SC, ST and OBC categories. However, they can apply as General candidates without being eligible for any concessions/relaxations. Candidates belonging to OBC category but coming in the ‘Creamy Layer’ are not entitled to OBC reservation. They should indicate their category as ‘General (GEN)’.

Reservation for PwBD: There is no reservation for Persons with Benchmark Disabilities (PwBD). However, PwBD candidates are allowed to apply as General candidates subject to the posts having been identified suitable for such disabilities, as mentioned in the following paragraphs, without any concession.

The Bank has identified the following posts as suitable for each category of PwBD along with the Physical Requirements and Functional Classifications. Only following categories of PwBD candidates are therefore eligible to apply for the posts.

Name of Post	Categories for which identified	Functional classification	Physical Requirements
Director in Grade ‘F’ for the proposed Data Sciences Lab	Blindness and low vision	Blindness	Sitting, Walking, Communication, Bending, Standing, Hearing/ Speaking, Lifting, Kneeling and Crouching, Manipulation by Fingers, Pushing and Pulling, Read and Writing (in Braille/ software)
		Low vision	Sitting, Walking, Reading and Writing, Communication, Bending, Standing, Hearing/ Speaking, Lifting, Kneeling and Crouching, Manipulation by Fingers, Pushing and Pulling
	Hard of hearing	Hard of hearing	Sitting, Walking, Seeing, Reading and Writing, Communication, Bending, Standing, Lifting, Kneeling and Crouching, Manipulation by Fingers, Pushing and Pulling
	Locomotor disability including Cerebral Palsy, Muscular Dystrophy Leprosy Cured, Dwarfism, Acid Attack Victims	(i) One Arm, One Leg, Cerebral Palsy, Leprosy Cured, Dwarfism, Acid Attack Victims (ii) Both legs but not arms	(i) Sitting, Walking, Seeing, Reading and Writing, Communication, Bending, Standing, Hearing/ Speaking, Lifting, Kneeling and Crouching, Manipulation by Fingers, Pushing and Pulling (ii) Sitting, Seeing, Reading and Writing, Communication, Hearing/ Speaking, Lifting,



			Manipulation by Fingers, Pushing and Pulling.
		(iii) Muscular Dystrophy	(iii) Sitting, Seeing, Reading and Writing, Communication, Hearing/ Speaking, Manipulation by Fingers
	Multiple disabilities	One Arm, One Leg, Cerebral Palsy, Leprosy Cured, Dwarfism, Acid Attack Victims and (i) blind/ low vision or (ii) hard of hearing	Sitting, Walking, Communication, Bending, Standing, Lifting, Kneeling and Crouching, Manipulation by Fingers, Pushing and Pulling and (i) Reading and Writing (in Braille/ software) and Hearing/ Speaking or (ii) Reading, Writing and Seeing - as applicable

PwBD candidates should possess a latest disability certificate issued by a Competent Authority as prescribed vide The Rights of Persons with Disabilities Act, 2016 (RPWD Act, 2016). Such certificate shall be subject to verification/re-verification as may be decided by the Board/ competent authority.

1. Director- Grade ‘F’ in the Proposed Data Sciences Lab

I. Eligibility Criteria:

- (a) **Age (as on 01/09/2018):** Age of the candidate should not be more than 57 years.
- (b) **Educational Qualification (as on 01/09/2018):**

Essential: Full-time Master’s Degree or Doctorate Degree (PhD) in Statistics, Econometrics, Computer Science, Mathematics, Mathematical Statistics, Data Science and Big Data, Finance or Economics from an Indian University recognized by Government bodies/ AICTE or a similar Foreign University /Institute. The Master’s degree should have been acquired with at least 55% marks.

Desirable: Full-time diploma in the area of Data Science, Data Analytics or Data Statistics from an Indian University recognized by Government bodies / AICTE or a similar Foreign University / Institute.

- (c) **Experience (As on 01/09/2018):** At least fifteen years of experience in the area of Data Analytics, Data Science or Statistics/ Econometrics in commercial banks/ large financial companies / financial services organizations / large IT services companies with financial domain including 5 years of managerial or supervisory experience as Director or fifteen years of experience in Academics and Research in a reputed University **in the areas of Finance, Banking or Monetary Policy** which may inter-alia include:
 - Experience in integrating a variety of data sources, methods and applications.
 - Experience in implementing a range of statistical or machine learning methods from basic descriptive statistics, hypothesis testing and feature transformation to complex dimension reduction, supervised or unsupervised learning, and model turning and validation.
 - Proficiency in python or R, SQL and distributed computing systems such as Hadoop and related tools.
 - Experience of various statistical and forecasting methodologies such as regression analysis (linear and non-linear), cluster analysis, CHAID, time series, survival models
 - Experience in using data visualization tools (Qlik and Tableau).



Staff candidates with the prescribed qualification currently working as Chief General Manager are eligible to apply. General Managers with the prescribed qualification and three years of experience in the grade are also eligible to apply.

Candidates who had already applied in response to our advertisement no. 1A / 2018-19 dated July 13, 2018 for the above position can also apply again.

II. Nature and Period of Appointment

Candidates will have the option to choose between Regular Appointment (on permanent basis) on Pay scales of the Bank or on Contract Appointment on Cost to Company (CTC) basis.

(a) Regular appointment (on permanent basis) on Pay Scales of the Bank

- i) The current monthly pay scale of officer in Grade F is as under: Rs 101900-3000(4)-113900 (5 years). Pay will be initially fixed at the minimum of pay scale. The selected candidate will be eligible for all the perquisites as available to the post of officer in Grade F.
- ii) The selected candidate will be eligible for superannuation benefits as per applicable rules.
- iii) The candidate will be governed by RBI Staff Regulations, 1948.
- iv) Initial appointment will be on probation for a period of one year. At Bank's discretion, the probationary period may be extended by one year, if necessary.

(b) Contract Appointment on Cost to Company (CTC) basis:

- i) The selected candidate will be offered a compensation package on CTC basis. The minimum consolidated monthly emoluments in Mumbai will be as under:

Consolidated Emoluments (Under revision) #	Without Housing	With Housing (subject to availability)
	Rs 3,00,000/-	Rs 1,75,000/-

The compensation package may be reasonably enhanced keeping in view the experience and suitability of the candidate.

- ii) A suitable performance linked annual increase @ 3 % to 5 % of CTC may be given.
- iii) Besides the advertised remuneration, the Lounge and Dispensary facilities at the Office will be allowed. The contract appointee will be entitled to TA/ HA as admissible to the officers in the Bank of equivalent grade for official tours undertaken by him/ her outside the headquarters.
- iv) The appointee will be governed by the 'Code of Conduct'.
- v) Appointment will be on full-time contract basis initially for a period of three years, extendable subject to review.

III. Broad Duties of the Director of Data Sciences Lab (DSL)

- i) Building and leading a Data Sciences team with an optimal mix of individuals which may include data analysts, statisticians, econometricians, mathematicians, business analysts, data engineers, data scientists, data visualizers, finance and economics graduates, etc. with varied skill sets as well as officers from the Bank with experience in



the area of regulation and supervision, financial markets and financial stability, monetary policy and research etc.

- ii) Installing and managing a robust data infrastructure to support the Data Sciences Lab.
- iii) Data Management and Validation : Handle both structured and unstructured data using Hadoop or similar technologies; identify relevant and available data from internal and external sources; join, explore and examine data from multiple disparate sources and formats; integrate and process data with distributed systems; process large volumes of unstructured or formless data and bring it into a form in which it can be analyzed and deal with data imperfections such as missing values, outliers, inconsistent formatting, etc.; design and manage data quality and validation using automation and best practices.
- iv) Using the latest techniques in Big Data, Machine Learning and related fields, and exploiting novel datasets, to answer questions of importance in, inter alia, macroeconomic, finance, banking and related topics of interest to Reserve Bank.
- v) Use of data analytical tools with the support of statistical theories and techniques commonly used in forecasting and optimization models and provide inputs to the Top Management / departments for decision making related to policy formulation.
- vi) To employ relevant data and apply the right filters for improving forecasting, nowcasting, surveillance and early-warning detection abilities in the Bank so as to aid policy formulation in critical areas such as inflation management, currency management, debt management, reserves management, banking regulation and supervision, financial inclusion, financial market intelligence and analysis, and overall financial stability.
- vii) Develop innovative and progressive analytics strategies and tools to provide solutions to specific analytic problems and support specific research objectives as per requirement and need of Top Management.
- viii) Liaising with various departments at the Reserve Bank to understand their specific research interests and questions that are appropriate for Data Sciences Lab, provide solutions and answers in a partnership with these departments, and disseminate research findings when of public interest.

IV. **Place of posting:** Mumbai. The Bank reserves the right to change the place of posting.

V. **Selection Procedure:** Selection will be through interview only. A preliminary screening of the applications will be carried out for making, if necessary, a short-list of eligible candidates to be called for the interview. Hence, merely fulfilling the minimum requirements laid down for the post would not automatically entitle any candidate for interview.

Applicant must also submit a write up (**500 words, Font: Arial 12**) on his / her vision to set up the proposed Data Science Lab in Reserve Bank of India. The candidate may also separately submit a brief statement justifying his / her suitability for the leadership position, which may cover specific examples from own work experience / contributions given the stated broad duties assigned to the position.

Candidates shortlisted for the interview will have to submit self-certified photocopies of documents in support of their eligibility on grounds of age, educational qualifications and work experience in a sealed cover addressed to "**General Manager, RBI Services Board, 3rd Floor, RBI Building, Opp. Mumbai Central Railway station (East), Byculla, Mumbai 400008**".



2. How to Apply:

- I. The candidates applying for the post must submit their:
 - Application ([Application Form](#))
 - A write up (**500 words, Font: Arial 12**) on his / her vision to set up the proposed Data Science Lab in Reserve Bank of India
 - A brief statement justifying his / her suitability for the leadership position, which may cover specific examples from own work experience / contributions given the stated broad duties assigned to the position.by post/courier to “**The General Manager, Reserve Bank of India Services Board, 3rd Floor, RBI Building, Opp. Mumbai Central Railway Station (East), Byculla, Mumbai - 400008**” in the prescribed format. Also a copy of the application has to be [mailed](#).
- II. A recent photograph is to be pasted at the appropriate place and application should be signed by the candidate. Incomplete and illegible applications will be rejected.
- III. The cover containing the application should be super scribed with the name of the post applied for i.e. ‘APPLICATION FOR THE POST OF DIRECTOR IN GRADE ‘F’ IN THE PROPOSED DATA SCIENCES LAB.
- IV. The following documents should be submitted along with the application:
 - (a) Proof of age (copy of passing Secondary/High School/10th standard Certificate or Higher Secondary School /12th Standard Certificate mentioning the DoB).
 - (b) Copy of Certificates and Mark sheets in respect of qualifications acquired.
 - (c) Appropriate document(s) in support of experience.
 - (d) A write up (500 words, Font: Arial 12) on his / her vision to set up the proposed Data Science Lab in Reserve Bank of India
 - (e) A brief statement justifying his / her suitability for the leadership position, which may cover specific examples from own work experience / contributions given the stated broad duties assigned to the position.
 - (f) PwBD candidates should possess a latest disability certificate issued by a Competent Authority as prescribed vide The Rights of Persons with Disabilities Act, 2016 (RPWD Act, 2016).

3. General Rules/ Instructions:

- I. Candidate should apply strictly in conformity with the format as prescribed in the [Application Form](#).
- II. Candidates should enclose copies of the relevant certificate/s (in support of age, educational qualification) and appropriate documents in support of the experience, with the application. Their candidature will be considered on the strength of the information declared in the application and the copies of certificates/ documents submitted therewith. If at any stage it is found that any information furnished in the application is false/incorrect or if according to the Board, the candidate does not satisfy the eligibility criteria, his/her candidature/appointment is liable to be cancelled/terminated.
- III. Candidates called for interview, will be reimbursed to and fro actual Economy Class air fare by the shortest route from the place of their residence/place of work to the place of interview whichever is nearer.
- IV. Canvassing in any form will be a disqualification.
- V. In all matters regarding eligibility, conduct of interviews, assessment, prescribing minimum qualifying standards in interview, in relation to number of vacancies and communication of result, the Board’s decision shall be final and binding on the candidates and no correspondence shall be entertained in this regard.
- VI. Candidates already in service of Govt./Quasi-Govt. organizations, Public Sector Banks/Undertakings, Government owned industrial undertakings or other similar organizations, whether in a permanent or temporary capacity are required to submit an undertaking in the Application Form that they have informed in writing to their Head of Office/Department that they



have applied for the Post. Candidates should note that in case a communication is received from their employer by the Board withholding permission to the candidates applying for/appearing at the interview, their application will be liable to be rejected/candidature will be liable to be cancelled. The recommended candidate has to produce discharge certificate from the employer at the time of appointment in RBI.

- VII. Any resultant dispute arising out of this advertisement shall be subject to the sole jurisdiction of the Courts situated at Mumbai only.
4. **Closing Date:** The application, enclosing all prescribed documents should reach the Board's Office on or before **5.00 P.M. on October 3, 2018**. The Board takes no responsibility for any delay in receipt of Application/s or loss thereof in postal transit.
5. **Corrigendum:** Please note that Corrigendum, if any, issued on the above advertisement, will be published only on the Bank's website www.rbi.org.in.

(Hindi version of this advertisement is available on Hindi website of Bank)



RESERVE BANK OF INDIA SERVICES BOARD, MUMBAI

**Application for the Post of Director in Grade 'F' in the proposed Data Sciences Lab
(Advt. No. 3B / 2018-19)**

1. NAME IN FULL (IN ENGLISH WITH CAPITAL LETTERS) :

(Receipt No.)

(ONLY FOR OFFICE USE)

2. CATEGORY: _____
(General, Scheduled Castes, Scheduled Tribes, Other Backward Class, Persons with Benchmark Disabilities)

3. SEX: _____ (F / M)

4. NATIONALITY _____

5. DATE OF BIRTH: _____(DD/MM/YYYY)

6. AGE (As on Sept 1, 2018): _____ (Years) _____ (Months) _____ (Days)
(Please attach documentary evidence)

**Paste a Latest
Passport size
coloured
Photograph**

7. ACADEMIC QUALIFICATIONS (As on Sept 1, 2018):

(A) Essential

Name of the Exam.	Main Subject	Date of Result	University/Institute	Overall % of marks	Class / Division



(B) Desirable

Name of the Exam.	Main Subject	Date of Result	University/Institute	Overall % of marks	Class / Division

8. EXPERIENCE WITH REFERENCE TO THE ADVERTISEMENT (As on Sept 1, 2018):
(Please furnish in reverse chronological order i.e. latest experience first)

(A) Relevant Experience (use separate sheet, if required)

Sr. No.	Name and Address of the Employer/Institution	Designation	Nature of Responsibilities	Period		Duration	
				From	To	Years	Months

(B) Other Experience (use separate sheet, if required)

Sr. No.	Name and Address of the Employer/Institution	Designation	Nature of Responsibilities	Period		Duration	
				From	To	Years	Months



9. CONTACT DETAILS:

a. **Postal Address:** _____

(Pin Code)_____

b. **E-mail:** _____

c. **Mobile (Cell Phone) No.:** _____

10. List of Enclosed Documents:

- (i)
- (ii)
- (iii)
- (iv)

I hereby declare that:

- (i) All the statements made in this application are true, complete and correct to the best of my knowledge and belief. I understand that if at any stage, it is found that any information given in this application is false / incorrect or that I do not satisfy the eligibility criteria according to the Board, my candidature / appointment is liable to be cancelled / terminated. I have read and understood the stipulations given in the advertisement and hereby undertake to abide by them.
- (ii) **For candidates employed in Government/Public Sector in India:** I have informed in writing about applying for this recruitment to their Head of Office/Department

PLACE:
DATE :

(Signature of the Applicant)

Name:



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Application for the Post of Director in Grade 'F' in the proposed Data Sciences Lab
(Advt. No. 3B / 2018-19)

A write up (**500 words, Font: Arial 12**) on your vision to set up the proposed Data Science Lab in Reserve Bank of India.



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A brief statement justifying your suitability for the leadership position, which may cover specific examples from own work experience / contributions given the stated broad duties assigned to the position.